

**Bull Trout Final Critical Habitat Justification: Rationale for Why Habitat is
Essential, and Documentation of Occupancy**

**Chapter 27. Upper Snake Recovery Unit—Salmon River
Basin Critical Habitat Unit**

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Chapter 27. Salmon River Basin Critical Habitat Unit

The Salmon River Basin CHU is essential for maintaining bull trout distribution within this unique geographic region of the Upper Snake RU. This CHU extends from the Idaho–Montana border to the Oregon–Idaho border before entering the Snake River and represents the most northern and eastern extents of the Upper Snake RU. This CHU is the largest CHU of the Upper Snake RU and contains the largest populations of bull trout in this RU. It supports populations that express adfluvial, fluvial, and resident life history expression. Migratory life history expression is needed for the long-term conservation of the species; while some resident populations may also contain unique genes that promote persistence from specific threats. Large portions of this CHU occur within the Frank Church—River of No Return Wilderness, which implies that many CHSUs in the Salmon River basin have few threats compared to other areas in the Upper Snake RU. See Appendices 1 and 2 for more detailed information.

The Salmon River basin extends across central Idaho from the Snake River to the Montana–Idaho border. The Salmon River Basin CHU extends across portions of Adams, Blaine, Custer, Idaho, Lemhi, Nez Perce, and Valley Counties in Idaho. This CHU contains 10 CHSUs: Little-Lower Salmon River, Opal Lake, Lake Creek, South Fork Salmon River, Middle Salmon–Panther River, Middle Fork Salmon River, Middle Salmon Chamberlain River, Upper Salmon River, Lemhi River, and Pahsimeroi River. The Salmon River Basin CHU includes 7,376.4 km (4,583.5 mi) of stream and 1,683.7 ha (4,160.6 ac) of lake and reservoir surface area designated as critical habitat.

27.1. Little-Lower Salmon River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it is in the northwesternmost extent of the CHU and contains many individuals, a large amount of habitat, and few threats. This CHSU has fluvial life history forms that are important to the long-term recovery of the species. This CHSU provides access to the Snake River, which promotes the migratory life history form that is needed for the conservation of the species (see Appendix 1 for more detailed information).

Located within Nez Perce, Lewis, Idaho, Adams, and Valley counties in west-central Idaho immediately southeast of the town of Riggins, Idaho, designated critical habitat includes 472.7 km (293.7 mi) of streams.

The following water bodies are included in this CHSU (see Table 71):

- (A) Salmon River from its confluence with the Snake River upstream 167.6 km (104.1 mi) contains FMO habitat.
- (B) Slate Creek from its confluence with the Salmon River upstream 23.8 km (14.8 mi) to 0.7 km (0.4 mi) above its confluence with Little Slate Creek provides spawning and rearing habitat.
- (C) Little Slate Creek from its confluence with Slate Creek upstream 23.8 km (14.8 mi) to its headwaters provide spawning and rearing habitat. In addition, the following tributaries to Little Slate Creek also provide spawning and rearing habitat: Deadhorse Creek from its confluence with Little Slate Creek upstream 9.2 km (5.7 mi) to its headwaters; Rubie Creek from its confluence with Little Slate Creek upstream 6.4 km (4.0 mi) to its headwaters; Van Buren Creek from its confluence with Little Slate Creek upstream 8.5 km (5.3 mi) to its headwaters; Turnbull Creek from its confluence with Little Slate Creek upstream 4.9 km (3.0 mi) to its

headwaters; Royal Creek from its confluence with Turnbull Creek upstream 3.1 km (1.9 mi) to its headwaters; Victor Creek from its confluence with Little Slate Creek upstream 3.9 km (2.4 mi) to its headwaters; and Burn Creek from its confluence with Little Slate Creek upstream 1.7 km (1.0 mi) to its headwaters.

(D) John Day Creek from its confluence with the Salmon River upstream 13.9 km (8.6 mi) to its headwaters; East Fork John Day Creek from its confluence with John Day Creek upstream 6.5 km (4.0 mi) to its headwaters; and South Fork John Day from its confluence with John Day Creek upstream 2.3 km (1.4 mi) to a barrier provide spawning and rearing habitat.

(E) Little Salmon River from its confluence with the Salmon River upstream 31.1 km (19.3 mi) contains FMO habitat.

(F) Rapid River from its confluence with the Little Salmon River upstream 36.4 km (22.6 mi) to its headwaters provides spawning and rearing habitat. West Fork Rapid River from its confluence with Rapid River upstream 16.6 km (10.3 mi) to its headwaters contains FMO habitat. Lake Fork Rapid River from its confluence with Rapid River upstream 6.9 km (4.3 mi) to its headwaters and Granite Fork Lake Fork Rapid River from its confluence with Lake Fork Rapid River upstream 5.0 km (3.1 mi) to its headwaters provide spawning and rearing habitat.

(G) Boulder Creek from its confluence with the Little Salmon River upstream 30.0 km (18.6 mi) to its headwaters and Yellow Jacket Creek from its confluence with Boulder Creek upstream 2.9 km (1.8 mi) to its headwaters provide spawning and rearing habitat.

(H) Hazard Creek from its confluence with the Little Salmon River upstream 4.8 km (3.0 mi) and Hard Creek from its confluence with Hazard Creek upstream 8.1 km (5.0 mi) to its confluence with Brown Creek provide spawning and rearing habitat.

(I) Lake Creek from its confluence with the Salmon River upstream 13.9 km (8.7 mi) to its headwaters provides spawning and rearing habitat.

(J) Partridge Creek from its confluence with the Salmon River upstream 18.6 km (11.6 mi) to its headwaters provides spawning and rearing habitat.

(K) Elkhorn Creek from its confluence with the Salmon River upstream 17.7 km (11.0 mi) to its headwaters provides spawning and rearing habitat.

(L) French Creek from its confluence with the Salmon River upstream 6.7 km (4.2 mi) to its headwaters provides spawning and rearing habitat

Table 71. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Little-Lower Salmon River CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Little-Lower Salmon River	French Creek	ID	(BLM 2000a,b, pp. 33-35, 327, 327, 338, 340, and 341; PNF 2010, pg. 44)	Rationale provided in Salmon River Basin CHU justification text	1160300 454251
Salmon River Basin–Little-Lower Salmon River	Deadhorse Creek	ID	(K. Munson, pers. comm. 2002)	Rationale provided in Salmon River Basin CHU justification text	1160656 456130
Salmon River Basin–Little-Lower Salmon River	Little Slate Creek	ID	(StreamNet 2009, pg. 8; K. Munson, pers. comm. 2002)	Rationale provided in Salmon River Basin CHU justification text	1160664 456199.1
Salmon River Basin–Little-Lower Salmon River	Little Slate Creek	ID	(StreamNet 2009, pg. 8; K. Munson, pers. comm. 2002)	Rationale provided in Salmon River Basin CHU justification text	1160664 456199.2
Salmon River Basin–Little-Lower Salmon River	Rubie Creek	ID	(StreamNet 2009, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1160776 455458
Salmon River Basin–Little-Lower Salmon River	Van Buren Creek	ID	(USFS 1999a, pg. 2-6, 2-7; StreamNet 2009, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1160822 455325
Salmon River Basin–Little-Lower Salmon River	Tumbull Creek	ID	(StreamNet 2009, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1160916 455228
Salmon River Basin–Little-Lower Salmon River	Elkhorn Creek	ID	(BLM 2000b, IV-J-1)	Rationale provided in Salmon River Basin CHU justification text	1160941 454042

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Little-Lower Salmon River	Royal Creek	ID	(StreamNet 2009, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1160974 455254
Salmon River Basin—Little-Lower Salmon River	Victor Creek	ID	(StreamNet 2009, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1160997 455104
Salmon River Basin—Little-Lower Salmon River	Burn Creek	ID	(StreamNet 2009, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1161040 455001
Salmon River Basin—Little-Lower Salmon River	Partridge Creek	ID	(BLM 2000b, pg. II-21, IV-B-8, IV-I-3)	Rationale provided in Salmon River Basin CHU justification text	1161262 454080
Salmon River Basin—Little-Lower Salmon River	Lake Creek	ID	(BLM 2000b, pg. II-20)	Rationale provided in Salmon River Basin CHU justification text	1162120 454000
Salmon River Basin—Little-Lower Salmon River	South Fork John Day Creek	ID	(StreamNet 2009, pg. 5; BLM 2010 pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1162282 455708
Salmon River Basin—Little-Lower Salmon River	East Fork John Day Creek	ID	(BLM 2000b, pg. II-19; USFS 1999a, pg. 2-8)	Rationale provided in Salmon River Basin CHU justification text	1162293 455728
Salmon River Basin—Little-Lower Salmon River	Hard Creek	ID	(BLM 2000a, pg. II-16, II-17)	Rationale provided in Salmon River Basin CHU justification text	1162831 451830.1
Salmon River Basin—Little-Lower Salmon River	Slate Creek	ID	(StreamNet 2009, pg. 40 and 63; BLM 2000b pg. II-19; USFS 1999a, pg. 2-6, 2-7)	Rationale provided in Salmon River Basin CHU justification text	1162843 456397.1

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Little-Lower Salmon River	Slate Creek	ID	(StreamNet 2009, pg. 5; BLM 2000b pg. II-19; USFS 1999a, pg. 2-6, 2-7)	Rationale provided in Salmon River Basin CHU justification text	1162843 456397.2
Salmon River Basin—Little-Lower Salmon River	John Day Creek	ID	(StreamNet 2009, pg. 5; BLM 2000b, pg. I-6, II-19, IV-A-6; USFS 1999a, pg. 2-6)	Rationale provided in Salmon River Basin CHU justification text	1162962 455855
Salmon River Basin—Little-Lower Salmon River	Hazard Creek	ID	(USFS 2001a, pg. 12, 49; PNF 2010)	Rationale provided in Salmon River Basin CHU justification text	1162999 451838
Salmon River Basin—Little-Lower Salmon River	Boulder Creek	ID	(USFS 2001a, pg. 12, 42)	Rationale provided in Salmon River Basin CHU justification text	1163100 452042
Salmon River Basin—Little-Lower Salmon River	Little Salmon River	ID	(BLM 2000b pg. VI-7, I-1; Elle et al. 1994, pg. 60; Schill et al. 1994, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1163132 454168.1
Salmon River Basin—Little-Lower Salmon River	Rapid River	ID	(BLM 2000b, pg. II-19, II-20; USFS 2001a, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1163546 453745
Salmon River Basin—Little-Lower Salmon River	Yellow Jacket Creek	ID	(USFS 2001a, pg. 42)	Rationale provided in Salmon River Basin CHU justification text	1164119 451369
Salmon River Basin—Little-Lower Salmon River	West Fork Rapid River	ID	(Schill et al. 1994, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1164188 453070
Salmon River Basin—Little-Lower Salmon River	Lake Fork Rapid River	ID	(Schill et al. 1994, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1164821 451874

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Little-Lower Salmon River	Granite Fork Lake Fork Rapid River	ID	(Schill et al. 1994, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1165168 451866
Salmon River Basin—Little-Lower Salmon River	Salmon River	ID	(USFS 1999a, pg. 2-6, 2-7; BLM 2000b pg. VI-7, I-1; Elle et al. 1994, pg. 60; Schill et al. 1994, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1167926 458560

27.2. South Fork Salmon River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it contains many individuals, a moderate amount of habitat, and few threats. This CHSU contains populations that contain fluvial life history expressions which are important to the long-term recovery of the species (see Appendix 1 for more detailed information).

Located within Idaho and Valley Counties in central Idaho, 32.0 km (19.9 mi) northeast of Cascade, Idaho, designated critical habitat includes 1,220.5 km (758.4 mi) of streams and 259.0 ha (640.0 ac) of lake surface area.

The following water bodies are included in this CHSU (see Table 72):

(A) South Fork Salmon River from its confluence with the Salmon River upstream 128.4 km (79.8 mi) to its confluence with Tyndall Creek contains FMO habitat and from its confluence with Tyndall Creek upstream 14.2 km (8.8 mi) to its headwaters provides spawning and rearing habitat. The following tributaries to the South Fork Salmon River also contain FMO habitat: Mill Creek from its confluence with the South Fork Salmon River upstream 7.3 km (4.5 mi) to its headwaters; Station Creek from its confluence with the South Fork Salmon River upstream 4.0 km (2.5 mi) to its headwaters; Carlson Creek from its confluence with the South Fork Salmon River upstream 3.9 km (2.4 mi) to its headwaters; Raines Creek from its confluence with the South Fork Salmon River upstream 10.6 km (6.6 mi) to its headwaters; Rooster Creek from its confluence with the South Fork Salmon River upstream 5.6 km (3.5 mi) to its headwaters; Chicken Creek from its confluence with the South Fork Salmon River upstream 7.3 km (4.5 mi) to its headwaters; Rattlesnake Creek from its confluence with the South Fork Salmon River upstream 4.0 km (2.5 mi) to its headwaters; Smith Creek from its confluence with the South Fork Salmon River upstream 7.0 km (4.4 mi) to its headwaters; Big Buck Creek from its confluence with Smith Creek upstream 4.2 km (2.6 mi) to its headwaters; Little Buck Creek from its confluence with Big Buck Creek upstream 3.2 km (2.0 mi) to its headwaters; Big Flat Creek from its confluence with the South Fork Salmon River upstream 3.8 km (2.4 mi) to its headwaters; and Grouse Creek from its confluence with the South Fork Salmon River upstream 7.5 km (4.7 mi) to its headwaters. Pony Creek from its confluence with the South Fork Salmon River upstream 14.7 km (9.1 mi) to its headwaters provides spawning and rearing habitat. Bear Creek from its confluence with the South Fork Salmon River upstream 2.1 km (1.3 mi) contains FMO habitat, and Fritser Creek from its confluence with the South Fork Salmon River upstream 5.2 km (3.2 mi) to its headwaters provides spawning and rearing habitat.

(B) Elk Creek from its confluence with the South Fork Salmon River upstream 14.3 km (8.7 mi) to its headwaters provides spawning and rearing habitat. West Fork Elk Creek from its confluence with Elk Creek upstream 10.7 km (6.6 mi) to its headwaters provides spawning and rearing habitat. South Fork Elk Creek from its confluence with West Fork Elk Creek upstream 7.6 km (4.7 mi) to its headwaters contains FMO habitat and an unnamed creek (tributary to West Fork Elk Creek) from its confluence with West Fork Elk Creek upstream 4.4 km (2.7 mi) to its headwaters provides spawning and rearing habitat.

(C) Sheep Creek from its confluence with the South Fork Salmon River upstream 12.2 km (7.6 mi) to its headwaters; Willey Creek from its confluence with Sheep Creek upstream 3.0 km (1.9 mi) to its headwaters; South Fork Sheep Creek from its confluence with Sheep Creek upstream 6.7 km (4.1 mi) to its headwaters; and North Fork Sheep Creek from its confluence with Sheep Creek upstream 3.9 km (2.4 mi) to its headwaters contain FMO habitat.

(D) The Secesh River from its confluence with South Fork Salmon River upstream 45.3 km (28.2 mi) to its confluence with Lake Creek provides spawning and rearing habitat. The following tributaries to the Secesh River provide FMO habitat: Oompaul Creek from its confluence with the Secesh River upstream 3.5 km (2.2 mi) to its headwaters; Zena Creek from its confluence with the Secesh River upstream 2.9 km (1.8 mi) to the confluence of West Fork Zena Creek and East Fork Zena Creek; Deep Creek from its confluence with the Secesh River upstream 2.8 km (1.8 mi) to its headwaters; Lick Creek from its confluence with the Secesh River upstream 14.0 km (8.7 mi) to a natural fish barrier; North Fork Lick Creek from its confluence with the Secesh River upstream 10.0 km (6.2 mi) to its headwaters; Paradise Creek from its confluence with the Secesh River upstream 4.0 km (2.5 mi) to its headwaters; Blue Lake Creek from its confluence with the Secesh River upstream 7.1 km (4.4 mi) to its headwaters; Enos Creek from its confluence with the Secesh River upstream 7.7 km (4.8 mi) to its headwaters; Jungle Creek from its confluence with Enos Creek upstream 5.6 km (3.5 mi) to its headwaters; West Fork Enos Creek from its confluence with Enos Creek upstream 3.1 km (1.9 mi) to its headwaters; Whangdoodle Creek from its confluence with the Secesh River upstream 6.9 km (4.3 mi) to its headwaters; and Grimmet Creek from its confluence with the Secesh River upstream 3.7 km (2.3 mi) to its headwaters. Loon Creek from its confluence with the Secesh River upstream 2.4 km (1.5 mi) to the outlet of Loon Lake provides spawning and rearing habitat. Loon Lake (41.0 ha (101.3 ac)) contains FMO habitat Victor Creek from its confluence with the Secesh River upstream 11.1 km (6.9 mi) to its headwaters, and Willowbasket Creek from its confluence with Victor Creek upstream 6.5 km (4.1 mi) to its headwaters provide spawning and rearing habitat and Fernan Creek from its confluence with the Secesh River upstream 3.6 km (2.2 mi) to its headwaters. Grouse Creek from its confluence with the Secesh River upstream 7.2 km (4.5 mi) to its headwaters; Flat Creek from its confluence with Grouse Creek upstream 6.7 km (4.1 mi) to its headwaters; Sand Creek from its confluence with Grouse Creek upstream 4.1 km (2.6 mi) to its headwaters; Ruby Creek from its confluence with the Secesh River upstream 9.3 km (5.8 mi); Summit Creek from its confluence with the Secesh River upstream 15.5 km (9.7 mi) to its headwaters; and Josephine Creek from its confluence with Summit Creek upstream 4.0 km (2.5 mi) to its headwaters provide spawning and rearing habitat.

(E) Lake Creek from its confluence with the Secesh River upstream 19.1 km (11.9 mi) to the outlet of Lake Creek Lake provides spawning and rearing habitat; Lake Creek Lake (7.0 ha (17.3 ac)) contains FMO habitat; Lake Creek from the inlet to Lake Creek Lake upstream 2.2 km (1.4 mi) to its headwaters provides spawning and rearing habitat; Nethker Creek from its confluence with Lake Creek upstream 6.1 km (3.8 mi) to its headwaters provides spawning and rearing habitat; Burgdorf Creek from its confluence with Lake Creek upstream 4.8 km (3.0 mi) to its headwaters contains FMO habitat; Jeanette Creek from its confluence with Lake Creek upstream 2.7 km (1.7 mi) to its headwaters contains FMO habitat; Threemile Creek from its confluence with Lake Creek upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat; an unnamed tributary to Threemile Creek from its confluence with Threemile Creek upstream 2.4 km (1.5 mi) to its headwaters contains spawning and rearing habitat; and South Fork Threemile Creek from its confluence with Threemile Creek upstream 4.8 km (3.0 mi) to its headwaters and Willow Creek from its confluence with Lake Creek upstream 9.0 km (5.6 mi) to its headwaters contain spawning and rearing habitat.

(F) East Fork South Fork Salmon River from its confluence with South Fork Salmon River upstream 52.2 km (32.5 mi) to its headwaters provides spawning and rearing habitat;

Quartz Creek from its confluence with East Fork South Fork Salmon River upstream 12.5 km (7.8 mi) to its headwaters provides spawning and rearing habitat; Vein Creek from its confluence with Quartz Creek upstream 6.0 km (3.7 mi) to its headwaters contains spawning and rearing habitat; Profile Creek from its confluence with East Fork South Fork Salmon River upstream 13.2 km (8.2 mi) to its headwaters provides spawning and rearing habitat; Camp Creek from its confluence with Profile Creek upstream 2.9 km (1.8 mi) to its headwaters contains FMO habitat; Missouri Creek from its confluence with Profile Creek upstream 4.8 km (3.0 mi) to its headwaters provides spawning and rearing habitat; Ryan Creek from its confluence with Profile Creek upstream 2.1 km (1.3 mi) to its headwaters contains FMO habitat; Tamarack Creek from its confluence with East Fork South Fork Salmon River upstream 11.8 km (7.4 mi) to its headwaters provides spawning and rearing habitat; Bum Creek from its confluence with Tamarack Creek upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat; Salt Creek from its confluence with East Fork South Fork Salmon River upstream 3.8 km (2.4 mi) to its headwaters contains FMO habitat; Pepper Creek from its confluence with East Fork South Fork Salmon River upstream 4.5 km (2.8 mi) to its headwaters contains FMO habitat; Sugar Creek from its confluence with East Fork South Fork Salmon River upstream 11.5 km (7.1 mi) to its headwaters provides spawning and rearing habitat; an unnamed tributary to Sugar Creek from its confluence with Sugar Creek upstream 11.5 km (7.1 mi) to its headwaters provides spawning and rearing habitat; Cinnabar Creek from its confluence with Sugar Creek upstream 5.5 km (3.4 mi) to its headwaters provides spawning and rearing habitat; Cane Creek from its confluence with Sugar Creek upstream 4.2 km (2.6 mi) to its headwaters provides spawning and rearing habitat; Meadow Creek from its confluence with East Fork South Fork Salmon River upstream 2.4 km (1.5 mi) to the outlet of Meadow Creek Lake provides spawning and rearing habitat; Meadow Creek Lake (10.7 ha; 26.5 ac) contains FMO habitat; and Meadow Creek from the inlet to Meadow Creek Lake upstream 4.7 km (2.9 mi) to its headwaters provides spawning and rearing habitat.

(G) Johnson Creek from its confluence with East Fork South Fork Salmon River upstream 46.4 km (28.7 mi) to Rock Creek contains FMO habitat; Riordan Creek from its confluence with Johnson Creek upstream 4.3 km (2.7 mi) to the potential barriers contains FMO habitat; Riordan Creek from the potential barriers upstream 3.2 km (2.0 mi) to Riordan Lake outlet provides spawning and rearing habitat; Riordan Lake (29.6 ha, (73.1 ac)) contains FMO habitat; Riordan Creek from Riordan Lake inlet upstream 6.5 km (4.1 mi) to its headwaters provides spawning and rearing habitat; North Fork Riordan Creek from its confluence with Riordan Creek upstream 5.5 km (3.4 mi) to its headwaters contains FMO habitat; Porcupine Creek from its confluence with Johnson Creek upstream 3.9 km (2.4 mi) to its headwaters contains FMO habitat; Falls Creek from its confluence with Johnson Creek upstream 2.4 km (1.5 mi) to its headwaters contains FMO habitat; Hanson Creek from its confluence with Johnson Creek upstream 3.1 km (1.9 mi) to its headwaters contains FMO habitat; Moose Creek from its confluence with Johnson Creek upstream 3.2 km (2.0 mi) to its headwaters contains FMO habitat; Bear Creek from its confluence with Johnson Creek upstream 3.2 km (2.0 mi) to the confluence of North Fork Bear Creek and South Fork Bear Creek contains FMO habitat; North Fork Bear Creek from its confluence with Bear Creek upstream 4.5 km (2.8 mi) to its headwaters contains FMO habitat; South Fork Bear Creek from its confluence with Bear Creek upstream 2.7 km (1.7 mi) to its headwaters contains FMO habitat; Trapper Creek from its confluence with Johnson Creek upstream 14.4 km (9.0 mi) to its headwaters provides spawning and rearing habitat; an unnamed creek (entering 6.5 km (4.0 mi) upstream from the mouth of Trapper Creek)

from its confluence with Trapper Creek upstream 4.0 km (2.5 mi) to its headwaters provides spawning and rearing habitat; an unnamed creek (entering 6.8 km (4.2 mi) upstream from the mouth of Trapper Creek) from its confluence with Trapper Creek upstream 1.2 km (0.8 mi) contains FMO habitat; an unnamed creek (entering 8.3 km (5.2 mi) upstream from the mouth of Trapper Creek) from its confluence with Trapper Creek upstream 2.1 km (1.3 mi) contains FMO habitat; Wardenhoff Creek from its confluence with Johnson Creek upstream 4.6 km (2.8 mi) to its headwaters contains FMO habitat. Burntlog Creek from its confluence with Johnson Creek upstream 22.7 km (14.1 mi) to its headwaters provides spawning and rearing habitat; Buck Creek from its confluence with Burntlog Creek upstream 7.3 km (4.5 mi) to its headwaters provides spawning and rearing habitat; an unnamed creek (entering 5.2 km (3.2 mi) upstream from the mouth of Buck Creek) from its confluence with Buck Creek upstream 1.1 km (0.7 mi) contains FMO habitat; an unnamed creek (tributary to an unnamed tributary to Buck Creek, entering 0.8 km (0.5 mi) upstream from the mouth of the unnamed tributary to Buck Creek) from its confluence with the unnamed tributary to Buck Creek upstream 0.4 km (0.3 mi) contains FMO habitat; East Fork Burntlog Creek from its confluence with Burntlog Creek upstream 7.3 km (4.5 mi) to its headwaters provides spawning and rearing habitat; an unnamed creek (entering 1.8 km (1.1 mi) upstream from the mouth of East Fork Burntlog Creek) from its confluence with East Fork Burntlog Creek upstream 2.1 km (1.3 mi) contains FMO habitat; Peanut Creek from its confluence with Burntlog Creek upstream 7.6 km (4.8 mi) to its headwaters contains FMO habitat; an unnamed creek (entering 16.0 km (9.9 mi) upstream from the mouth of Burntlog Creek) from its confluence with Burntlog Creek upstream 1.4 km (0.9 mi) contains FMO habitat; Dutch Creek from its confluence with Johnson Creek upstream 0.3 km (0.2 mi) contains FMO habitat; Park Creek from its confluence with Johnson Creek upstream 4.0 km (2.5 mi) to its headwaters contains FMO habitat; Sheep Creek from its confluence with Johnson Creek upstream 4.6 km (2.9 mi) to its headwaters contains FMO habitat; Landmark Creek from its confluence with Johnson Creek upstream 5.6 km (3.5 mi) to its headwaters contains FMO habitat; Rock Creek from its confluence with Johnson Creek upstream 8.1 km (5.0 mi) to its headwaters contains FMO habitat; Sand Creek from its confluence with Johnson Creek upstream 12.0 km (7.4 mi) to its headwaters contains FMO habitat; North Fork Sand Creek from its confluence with Sand Creek upstream 4.8 km (3.0 mi) to its headwaters contains FMO habitat

(H) Fitsum Creek from its confluence with South Fork Salmon River upstream 3.9 km (2.4 mi) to a barrier provides spawning and rearing habitat; North Fork Fitsum Creek from its confluence with Fitsum Creek upstream 13.0 km (8.1 mi) to its headwaters provides spawning and rearing habitat; Tie Creek from its confluence with North Fork Fitsum Creek upstream 2.6 km (1.6 mi) to its headwaters contains FMO habitat; and South Fork Fitsum Creek from its confluence with Fitsum Creek upstream 3.7 km (2.3 mi) to its headwaters provides spawning and rearing habitat.

(I) Krassel Creek from its confluence with South Fork Salmon River upstream 3.0 km (1.9 mi) to its headwaters contains FMO habitat.

(J) Indian Creek from its confluence with South Fork Salmon River upstream 5.0 km (3.1 mi) to its headwaters contains FMO habitat.

(K) Little Indian Creek from its confluence with South Fork Salmon River upstream 3.1 km (1.9 mi) to its headwaters contains FMO habitat.

(L) Buckhorn Creek from its confluence with South Fork Salmon River upstream 16.6 km (10.3 mi) to its headwaters provides spawning and rearing habitat; West Fork Buckhorn Creek from its confluence with Buckhorn Creek upstream 11.5 km (7.1 mi) to its headwaters contains FMO habitat; North Fork Buckhorn Creek from its confluence with West Fork Buckhorn Creek upstream 13.3 km (8.3 mi) to its headwaters contains FMO habitat; Nick Creek from its confluence with West Fork Buckhorn Creek upstream 5.8 km (3.6 mi) to its headwaters contains FMO habitat; and South Fork Buckhorn Creek from its confluence with Buckhorn Creek upstream 6.1 km (3.8 mi) to its headwaters provide spawning and rearing habitat.

(M) Camp Creek from its confluence with South Fork Salmon River upstream 10.8 km (6.7 mi) to its headwaters provides spawning and rearing habitat and North Fork Camp Creek from its confluence with Camp Creek upstream 7.9 km (4.9 mi) to its headwaters contains FMO habitat.

(N) Cougar Creek from its confluence with South Fork Salmon River upstream 13.8 km (8.5 mi) to its headwaters provides spawning and rearing habitat.

(O) Nasty Creek from its confluence with South Fork Salmon River upstream 6.6 km (4.1 mi) to its headwaters contains FMO habitat.

(P) Fourmile Creek from its confluence with South Fork Salmon River upstream 12.1 km (7.5 mi) to its headwaters and South Fork Fourmile Creek from its confluence with Fourmile Creek upstream 5.8 km (3.6 mi) to its headwaters provide spawning and rearing habitat.

(Q) Holdover Creek from its confluence with South Fork Salmon River upstream 2.4 km (1.5 mi) to its headwaters contains FMO habitat.

(R) Blackmare Creek from its confluence with South Fork Salmon River upstream 9.1 km (5.6 mi) to its headwaters and South Fork Blackmare Creek from its confluence with Blackmare Creek upstream 7.4 km (4.6 mi) to its headwaters provide spawning and rearing habitat.

(S) Cliff Creek from its confluence with South Fork Salmon River upstream 4.9 km (3.0 mi) to its headwaters contains FMO habitat.

(T) Dollar Creek from its confluence with South Fork Salmon River upstream 12.7 km (7.9 mi) to its headwaters provides spawning and rearing habitat and North Fork Dollar Creek from its confluence with Dollar Creek upstream 0.4 km (0.3 mi) contains FMO habitat.

(U) Six Bit Creek from its confluence with South Fork Salmon River upstream 10.0 km (6.2 mi) to its headwaters provides spawning and rearing habitat and North Fork Six Bit Creek from its confluence with Six Bit Creek upstream 5.2 km (3.2 mi) to its headwaters contains FMO habitat.

(V) Warm Lake Creek from its confluence with South Fork Salmon River upstream 4.5 km (2.7 mi) to Warm Lake contains FMO habitat; Warm Lake (171.0 ha (422.5 ac)) contains FMO habitat; Cabin Creek from its confluence with Warm Lake Creek upstream 7.9 km (4.9 mi) to its headwaters provides spawning and rearing habitat; Reeves Creek from its confluence with Cabin Creek upstream 5.1 km (3.2 mi) to its headwaters provides spawning and rearing habitat; and Knee Creek from its confluence with Cabin Creek upstream 4.3 km (2.7 mi) to its headwaters contains FMO habitat.

(W) Curtis Creek from its confluence with South Fork Salmon River upstream 12.2 km (7.6 mi) to its headwaters; Trail Creek from its confluence with Curtis Creek upstream 7.2 km (4.5 mi) to

its headwaters; an unnamed reek (tributary to Trail Creek) from its confluence with Trail Creek upstream 6.3 km (3.9 mi) to its headwaters; an unnamed creek (tributary number 1 to Curtis Creek) from its confluence with Curtis Creek upstream 6.1 km (3.8 mi) to its headwaters; and an unnamed creek (tributary number 2 to Curtis Creek) from its confluence with Curtis Creek upstream 4.6 km (2.8 mi) provide spawning and rearing habitat.

(X) Bear Creek from its confluence with South Fork Salmon River upstream 8.5 km (5.3 mi) to its headwaters provides spawning and rearing habitat.

(Y) Camp Creek from its confluence with South Fork Salmon River upstream 4.0 km (2.5 mi) to its headwaters contains FMO habitat.

(Z) Lodgepole Creek from its confluence with South Fork Salmon River upstream 7.2 km (4.5 mi) to its headwaters provides spawning and rearing habitat.

(AA) Tyndall Creek from its confluence with South Fork Salmon River upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat.

(BB) Rice Creek from its confluence with South Fork Salmon River upstream 10.2 km (6.3 mi) to its headwaters; an unnamed creek (tributary to Rice Creek) from its confluence with Rice Creek upstream 1.5 km (0.9 mi) to its headwaters; and Unnamed Creek (approximately 2.0 km (1.3 mi) upstream from the confluence of Rice Creek and the South Fork Salmon River) from its confluence with the South Fork Salmon River upstream 2.0 km (1.3 mi) to its headwaters provide spawning and rearing habitat.

(CC) Mormon Creek from its confluence with South Fork Salmon River upstream 4.8 km (3.0 mi) to its headwaters provides spawning and rearing habitat and an unnamed creek (approximately 2.3 km (1.4 mi) upstream from the mouth of Mormon Creek) from its confluence with Mormon Creek upstream 1.3 km (0.8 mi) contains FMO habitat.

(DD) Back Creek from its confluence with South Fork Salmon River upstream 2.9 km (1.8 mi) to its headwaters contains FMO habitat.

(EE) Pete Creek from its confluence with Lake Creek continuing upstream 6.1 km (3.8 mi) contains spawning and rearing habitat. An unnamed tributary to Pete Creek from its confluence with Pete Creek upstream 6.1 km (3.8 mi) to a headwater lake contains spawning and rearing habitat.

Table 72. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–South Fork Salmon River CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–South Fork Salmon River	Cane Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1152913 449534
Salmon River Basin–South Fork Salmon River	Cinnabar Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1152926 449524
Salmon River Basin–South Fork Salmon River	Bum Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1153190 449947
Salmon River Basin–South Fork Salmon River	Meadow Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1153267 449022.1
Salmon River Basin–South Fork Salmon River	Meadow Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1153267 449022.2
Salmon River Basin–South Fork Salmon River	Sugar Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 16; Watry and Scarnecchia 2008, pg. 233)	Rationale provided in Salmon River Basin CHU justification text	1153362 449358
Salmon River Basin–South Fork Salmon River	Pepper Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153500 449490
Salmon River Basin–South Fork Salmon River	Salt Creek	ID	(Service in litt. 2002, pg. 22; StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153517 449495
Salmon River Basin–South Fork Salmon River	Tamarack Creek	ID	(Service in litt. 2002, pg. 22; StreamNet 2009, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1153895 449591
Salmon River Basin–South Fork Salmon River	Missouri Creek	ID	(Service in litt. 2002, pg. 22; StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1153943 450068
Salmon River Basin–South Fork Salmon River	Ryan Creek	ID	(StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1153943 450191

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Camp Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154135 449847
Salmon River Basin—South Fork Salmon River	Profile Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1154280 449575
Salmon River Basin—South Fork Salmon River	North Fork Riordan Creek	ID	(StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1154457 448675
Salmon River Basin—South Fork Salmon River	UNNAMED Trib 3- Off Trapper Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1154636 447933
Salmon River Basin—South Fork Salmon River	Vein Creek	ID	(StreamNet 2009, pg. 15; Watry and Scarnecchia 2008, pg. 233)	Rationale provided in Salmon River Basin CHU justification text	1154706 450079
Salmon River Basin—South Fork Salmon River	Chicken Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154727 452875
Salmon River Basin—South Fork Salmon River	Quartz Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1154773 449704
Salmon River Basin—South Fork Salmon River	South Fork Bear Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154826 448267
Salmon River Basin—South Fork Salmon River	Riordan Creek	ID	Don Newberry (Service in litt. 2002c, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1154846 449072.1
Salmon River Basin—South Fork Salmon River	Riordan Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1154846 449072.2
Salmon River Basin—South Fork Salmon River	Riordan Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1154846 449072.3
Salmon River Basin—South Fork Salmon River	Riordan Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1154846 449072.4

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Peanut Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	1154853 446885.1
Salmon River Basin—South Fork Salmon River	Peanut Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154853 446885.2
Salmon River Basin—South Fork Salmon River	Rooster Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1154893 453094
Salmon River Basin—South Fork Salmon River	North Fork Sand Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1154961 446422
Salmon River Basin—South Fork Salmon River	Porcupine Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1154984 448901
Salmon River Basin—South Fork Salmon River	Raines Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155000 453325
Salmon River Basin—South Fork Salmon River	East Fork Burntlog Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1155006 447370
Salmon River Basin—South Fork Salmon River	Johnson Creek	ID	(Service in litt. 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1155008 449625.1
Salmon River Basin—South Fork Salmon River	Johnson Creek	ID	(Service in litt. 2002b, pg. 21; IDOSC 2010)	Rationale provided in Salmon River Basin CHU justification text	1155008 449625.2
Salmon River Basin—South Fork Salmon River	Falls Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155068 448807
Salmon River Basin—South Fork Salmon River	Hanson Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155073 448695
Salmon River Basin—South Fork Salmon River	South Fork Elk Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155085 451358

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Moose Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155086 448527
Salmon River Basin—South Fork Salmon River	West Fork Elk Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155113 451472
Salmon River Basin—South Fork Salmon River	South Fork Salmon River	ID	(StreamNet 2009, pg. 15; SBNFTG 1998, pg. 7-6; Service in litt. 2002, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1155122 453783.1
Salmon River Basin—South Fork Salmon River	South Fork Salmon River	ID	(StreamNet 2009, pg. 15; SBNFTG 1998, pg. 7-6; Service in litt. 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1155122 453783.2
Salmon River Basin—South Fork Salmon River	South Fork Salmon River	ID	(Service in litt. 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1155122 453783.3
Salmon River Basin—South Fork Salmon River	South Fork Salmon River	ID	(Service in litt. 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1155122 453783.4
Salmon River Basin—South Fork Salmon River	Unnamed Tributary to West Fork Elk Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155133 450951
Salmon River Basin—South Fork Salmon River	Trapper Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1155134 448315
Salmon River Basin—South Fork Salmon River	Bear Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1155137 448335
Salmon River Basin—South Fork Salmon River	North Fork Bear Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1155137 448335
Salmon River Basin—South Fork Salmon River	Carlson Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155163 453452
Salmon River Basin—South Fork Salmon River	Rattlesnake Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155173 452492

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Wardenhoff Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155175 448218
Salmon River Basin—South Fork Salmon River	Buck Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1155177 447919
Salmon River Basin—South Fork Salmon River	Burntlog Creek	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1155178 448030
Salmon River Basin—South Fork Salmon River	Dutch Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155188 447992
Salmon River Basin—South Fork Salmon River	Mill Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1155194 453556
Salmon River Basin—South Fork Salmon River	Station Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155202 453525
Salmon River Basin—South Fork Salmon River	Sand Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1155251 446323
Salmon River Basin—South Fork Salmon River	Smith Creek	ID	(StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155277 452410
Salmon River Basin—South Fork Salmon River	Parks Creek	ID	(StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155346 449553
Salmon River Basin—South Fork Salmon River	Big Buck Creek	ID	(StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155395 452516
Salmon River Basin—South Fork Salmon River	Landmark Creek	ID	(StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155419 446573
Salmon River Basin—South Fork Salmon River	Rock Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155424 446386

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Grouse Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155442 452262
Salmon River Basin—South Fork Salmon River	Big Flat Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155444 452268
Salmon River Basin—South Fork Salmon River	Little Buck Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155496 452519
Salmon River Basin—South Fork Salmon River	Park Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1155500 447337
Salmon River Basin—South Fork Salmon River	Sheep Creek	ID	(StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155597 447084
Salmon River Basin—South Fork Salmon River	Pony Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155625 451869
Salmon River Basin—South Fork Salmon River	North Fork Sheep Creek	ID	(StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1155828 450387
Salmon River Basin—South Fork Salmon River	Elk Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1155846 451564
Salmon River Basin—South Fork Salmon River	Bear Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156182 451060
Salmon River Basin—South Fork Salmon River	South Fork Sheep Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156219 450357
Salmon River Basin—South Fork Salmon River	Fritser Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156262 450910
Salmon River Basin—South Fork Salmon River	Willey Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156275 450428

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Sheep Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1156375 450493
Salmon River Basin—South Fork Salmon River	UNNAMED - Off Rice Creek	ID	(Service in litt. 2002b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1156554 445514
Salmon River Basin—South Fork Salmon River	Knee Creek	ID	(StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1156613 446760
Salmon River Basin—South Fork Salmon River	Reeves Creek	ID	(Service in litt. 2002b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1156658 446675
Salmon River Basin—South Fork Salmon River	South Fork Fourmile Creek	ID	(StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1156786 448603
Salmon River Basin—South Fork Salmon River	Camp Creek	ID	(StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1156791 446071
Salmon River Basin—South Fork Salmon River	UNNAMED - Off South Fork Salmon River	ID	(Service in litt. 2002b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1156821 445564
Salmon River Basin—South Fork Salmon River	Tyndall Creek	ID	(Service in litt. 2002b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1156844 445802
Salmon River Basin—South Fork Salmon River	Rice Creek	ID	(Service in litt. 2002b, pg. 23; StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1156846 445751
Salmon River Basin—South Fork Salmon River	Cabin Creek	ID	(Service in litt. 2002b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1156846 446666.1
Salmon River Basin—South Fork Salmon River	Cabin Creek	ID	(Kellet 2008, USFS 2002b)	Rationale provided in Salmon River Basin CHU justification text	1156846 446666.2
Salmon River Basin—South Fork Salmon River	Lodgepole Creek	ID	(Service in litt. 2002b, pg. 23; StreamNet 2009, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1156860 445926

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Bear Creek	ID	(Service in litt. 2002b, pg. 23; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156896 446230
Salmon River Basin—South Fork Salmon River	North Fork Camp Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156905 448885
Salmon River Basin—South Fork Salmon River	Dollar Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156947 447224
Salmon River Basin—South Fork Salmon River	Mormon Creek	ID	(Service in litt. 2002b, pg. 23; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156949 445238
Salmon River Basin—South Fork Salmon River	Fourmile Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156952 448574
Salmon River Basin—South Fork Salmon River	Nasty Creek	ID	(StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1156962 448773
Salmon River Basin—South Fork Salmon River	Cliff Creek	ID	(StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1156966 447896
Salmon River Basin—South Fork Salmon River	Holdover Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1156973 448450
Salmon River Basin—South Fork Salmon River	Warm Lake Creek	ID	(Service in litt. 2002b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1156984 446664
Salmon River Basin—South Fork Salmon River	Curtis Creek	ID	Don Newberry (Service in litt. 2002c, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1157028 446522
Salmon River Basin—South Fork Salmon River	Blackmare Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1157031 448225
Salmon River Basin—South Fork Salmon River	Six-Bit Creek	ID	Don Newberry (Service in litt. 2002c, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1157060 446863

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Back Creek	ID	(StreamNet 2009, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1157062445108
Salmon River Basin—South Fork Salmon River	North Fork Dollar Creek	ID	(StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1157064447149
Salmon River Basin—South Fork Salmon River	Secesh River	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1157065450248.1
Salmon River Basin—South Fork Salmon River	Secesh River	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1157065450248.2
Salmon River Basin—South Fork Salmon River	East Fork South Fork Salmon River	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1157131450148.1
Salmon River Basin—South Fork Salmon River	East Fork South Fork Salmon River	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1157131450148.2
Salmon River Basin—South Fork Salmon River	Cougar Creek	ID	Dave Burns (Service in litt. 2002c, pg. 22); StreamNet 2009, pg. 10	Rationale provided in Salmon River Basin CHU justification text	1157165448889
Salmon River Basin—South Fork Salmon River	Camp Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157166448979
Salmon River Basin—South Fork Salmon River	Trail Creek	ID	Don Newberry (Service in litt. 2002c, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1157171446353
Salmon River Basin—South Fork Salmon River	Fitsum Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157216449994.1
Salmon River Basin—South Fork Salmon River	Fitsum Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157216449994.2
Salmon River Basin—South Fork Salmon River	Fitsum Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157216449994.3

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Little Indian Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157263 449674
Salmon River Basin—South Fork Salmon River	Krassel Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157263 449786
Salmon River Basin—South Fork Salmon River	Indian Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157308 449700
Salmon River Basin—South Fork Salmon River	Oompaul Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157352 450338
Salmon River Basin—South Fork Salmon River	Buckhorn Creek	ID	(Service in litt. 2002b, pg. 22; StreamNet 2009, pg. 10; SBNFTG 1998, Table A, pg. 7-15)	Rationale provided in Salmon River Basin CHU justification text	1157358 449219
Salmon River Basin—South Fork Salmon River	West Fork Buckhorn Creek	ID	(StreamNet 2009, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1157417 449169
Salmon River Basin—South Fork Salmon River	Unnamed Tributary 1 of Curtis Creek	ID	Don Newberry (Service in litt. 2002c, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1157446 446096
Salmon River Basin—South Fork Salmon River	UNNAMED - Off Trail Creek	ID	Don Newberry (Service in litt. 2002, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1157451 446257
Salmon River Basin—South Fork Salmon River	South Fork Blackmare Creek	ID	(Service in litt. 2002b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1157469 448091
Salmon River Basin—South Fork Salmon River	Zena Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157473 450412
Salmon River Basin—South Fork Salmon River	Unnamed Tributary 2 of Curtis Creek	ID	Don Newberry (Service in litt. 2002c, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1157524 445946
Salmon River Basin—South Fork Salmon River	Deep Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157528 450510

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	North Fork Fitsum Creek	ID	Dave Burns (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1157595449993
Salmon River Basin—South Fork Salmon River	Lick Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 9; PNF 2010, pg. 38)	Rationale provided in Salmon River Basin CHU justification text	1157608450625
Salmon River Basin—South Fork Salmon River	North Fork Six-bit Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157622446703
Salmon River Basin—South Fork Salmon River	South Fork Fitsum Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157623449997
Salmon River Basin—South Fork Salmon River	Paradise Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157645451212
Salmon River Basin—South Fork Salmon River	Tie Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157688450168
Salmon River Basin—South Fork Salmon River	North Fork Buckhorn Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1157739449284
Salmon River Basin—South Fork Salmon River	Blue Lake Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157800451321
Salmon River Basin—South Fork Salmon River	North Fork Lick Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157835450718
Salmon River Basin—South Fork Salmon River	Enos Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157939451482
Salmon River Basin—South Fork Salmon River	Nick Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157945449273
Salmon River Basin—South Fork Salmon River	Whangdoodle Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157958451497

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Jungle Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157976 451468
Salmon River Basin—South Fork Salmon River	Grimmet Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1157990 451557
Salmon River Basin—South Fork Salmon River	West Fork Enos Creek	ID	(StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1158032 451483
Salmon River Basin—South Fork Salmon River	Loon Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1158085 451699.1
Salmon River Basin—South Fork Salmon River	Loon Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 9; PNF 2005, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1158085 451699.2
Salmon River Basin—South Fork Salmon River	Fernan Creek	ID	(StreamNet 2009, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1158118 452385
Salmon River Basin—South Fork Salmon River	Sand Creek	ID	(Service in litt. 2002b,pg.21;StreamNet2009,pg.10)	Rationale provided in Salmon River Basin CHU justification text	1158206 453073
Salmon River Basin—South Fork Salmon River	Victor Creek	ID	(Service in litt. 2002b,pg.21)	Rationale provided in Salmon River Basin CHU justification text	1158215 451825
Salmon River Basin—South Fork Salmon River	South Fork Buckhorn Creek	ID	Dave Burns (Service in litt. 2002c, pg.22); StreamNet2009,pg.1	Rationale provided in Salmon River Basin CHU justification text	1158226 448904
Salmon River Basin—South Fork Salmon River	Grouse Creek	ID	(Service in litt. 2002b, pg. 21; StreamNet 2009, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1158307 452653
Salmon River Basin—South Fork Salmon River	Willow Basket Creek	ID	(Service in litt. 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1158311 451859
Salmon River Basin—South Fork Salmon River	Flat Creek	ID	(Service in litt. 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1158362 452714

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Ruby Creek	ID	(Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1158781 452580
Salmon River Basin—South Fork Salmon River	Lake Creek	ID	(Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1158962 452564.1
Salmon River Basin—South Fork Salmon River	Lake Creek	ID	(Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1158962 452564.2
Salmon River Basin—South Fork Salmon River	Summit Creek	ID	(Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1158962 452565
Salmon River Basin—South Fork Salmon River	Nethker Creek	ID	(Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1159053 452649
Salmon River Basin—South Fork Salmon River	Burgdorf Creek	ID	(StreamNet 2009, pg. 7, PNF 2010, pg. 38)	Rationale provided in Salmon River Basin CHU justification text	1159102 452685
Salmon River Basin—South Fork Salmon River	Jeanette Creek	ID	(StreamNet 2009, pg. 8; PNF 2010, pg. 38)	Rationale provided in Salmon River Basin CHU justification text	1159180 452760
Salmon River Basin—South Fork Salmon River	South Fork Threemile Creek	ID	(StreamNet 2009, pg. 6; Watry and Scarnecchia 2008, pg. 233)	Rationale provided in Salmon River Basin CHU justification text	1159282 453072
Salmon River Basin—South Fork Salmon River	Threemile Creek	ID	(StreamNet 2009, pg. 8; Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1159287 452992
Salmon River Basin—South Fork Salmon River	Josephine Creek	ID	(Service in litt 2002b, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1159293 452244
Salmon River Basin—South Fork Salmon River	Willow Creek	ID	(NMFS 2000, Table 1, pg. 5)	Rationale provided in Salmon River Basin CHU justification text	1159490 453307
Salmon River Basin—South Fork Salmon River	Unnamed Trib 1-Off Trapper Creek	ID	(Kellet 2008, USFS 2002b)	Rationale provided in Salmon River Basin CHU justification text	NA

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Unnamed Trib 2-Off Trapper Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—South Fork Salmon River	Unnamed-Off Buck Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—South Fork Salmon River	Unnamed-Off Burntlog Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—South Fork Salmon River	Unnamed-Off Mormon Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—South Fork Salmon River	Unnamed-Off Unnamed to Buck Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—South Fork Salmon River	Unnamed-Off Unnamed to Burntlog Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—South Fork Salmon River	Lake Creek Lake	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1158967 453726
Salmon River Basin—South Fork Salmon River	Loon Lake	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1158403 451633
Salmon River Basin—South Fork Salmon River	Riordan Lake	ID	Don Newberry (Service in litt. 2002c, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1154391 448503
Salmon River Basin—South Fork Salmon River	Unnamed Lake on Meadow Creek	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1153513 448904
Salmon River Basin—South Fork Salmon River	Warm Lake	ID	Don Newberry (Service in litt. 2002c, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1156701 446451
Salmon River Basin—South Fork Salmon River	Unnamed Tributary to Sugar Creek	ID	Watry and Scarnecchia 2008, pg. 233	Rationale provided in Salmon River Basin CHU justification text	1153362 449358

Bull Trout Final Critical Habitat Justification

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September 2010

Chapter 27

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—South Fork Salmon River	Unnamed Tributary to Threemile Creek	ID	Watry and Scarnecchia 2008, pg. 233	Rationale provided in Salmon River Basin CHU justification text	1159120453230
Salmon River Basin—South Fork Salmon River	Pete Creek	ID	Watry and Scarnecchia 2008, pg. 233	Rationale provided in Salmon River Basin CHU justification text	1159262452983
Salmon River Basin—South Fork Salmon River	Unnamed Tributary to Pete Creek	ID	Watry and Scarnecchia 2008, pg. 233	Rationale provided in Salmon River Basin CHU justification text	1159555452810

27.3. Middle Salmon River–Chamberlain River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it contains many individuals, a large amount of habitat, and few threats. This CHSU has fluvial life history forms that are important in the long-term recovery of the species. This CHSU provides a migratory corridor between multiple CHSUs, which assists in the promotion of the migratory life history expression within the Salmon River basin (see Appendix 1 for more detailed information).

Located within Idaho and Valley Counties in east-central Idaho 80 km (50 mi) east of the town of Riggins, Idaho, designated critical habitat includes 793.7 km (493.2 mi) of streams.

The following water bodies are included in this CHSU (see Table 73):

(A) The Salmon River from approximately 2.1 km (1.3 mi) upstream from its confluence with French Creek upstream 110.0 km (68.3 mi) to its confluence with Chamberlain Creek contains FMO habitat.

(B) Fall Creek from its confluence with the Salmon River upstream 14.7 km (9.1 mi) to its headwaters and East Fork Fall Creek from its confluence with Fall Creek upstream 7.2 km (4.5 mi) to its headwaters provide spawning and rearing habitat.

(C) Wind River from its confluence with the Salmon River upstream 22.5 km (14.0 mi) to its headwaters provides spawning and rearing habitat.

(D) Sheep Creek from its confluence with the Salmon River upstream 23.8 km (14.8 mi) to its headwaters provides spawning and rearing habitat.

(E) California Creek from its confluence with the Salmon River upstream 19.5 km (12.1 mi) to its headwaters contains FMO habitat.

(F) Crooked Creek from its confluence with the Salmon River upstream 34.2 km (21.2 mi) to its headwaters and Lake Creek from its confluence with Crooked Creek upstream 21.0 km (13.0 mi) to its headwaters provide spawning and rearing habitat.

(G) Warren Creek from its confluence with the Salmon River upstream 28.9 km (18.0 mi) to its headwaters provides spawning and rearing habitat and Schissler Creek from its confluence with Warren Creek upstream 6.8 km (4.2 mi) to its headwaters; Guard Creek from its confluence with Warren Creek upstream 3.8 km (2.4 mi) to its headwaters; Slaughter Creek from its confluence with Warren Creek upstream 7.8 km (4.8 mi) to its headwaters; Mayflower Creek from its confluence with Warren Creek upstream 5.6 km (3.5 mi) to its headwaters; North Fork Mayflower Creek from its confluence with Mayflower Creek upstream 1.5 km (0.9 mi) to its headwaters; and Webfoot Creek from its confluence with Warren Creek upstream 3.5 km (2.2 mi) to its headwaters contain FMO habitat.

(H) Fivemile Creek from its confluence with the Salmon River upstream 2.8 km (1.7 mi) contains FMO habitat.

(I) Rhett Creek from its confluence with the Salmon River upstream 1.2 km (0.8 mi) to a barrier falls contains FMO habitat.

(J) Little Mallard Creek from its confluence with the Salmon River upstream 0.1 km (0.1 mi) to a barrier falls contains FMO habitat.

(K) Big Mallard Creek from its confluence with the Salmon River at upstream 1.3 km (0.8 mi) to Mallard Creek Falls contains FMO habitat.

(L) Richardson Creek from its confluence with the Salmon River upstream 1.8 km (7.3 mi) to its headwaters and Hartan Creek from its confluence with Richardson Creek upstream 6.6 km (4.1 mi) to its headwaters contain FMO habitat.

(M) Silge Creek from its confluence with the Salmon River upstream 3.8 km (2.3 mi) to its headwaters contains FMO habitat.

(N) Bargamin Creek from its confluence with the Salmon River at upstream 39.1 km (24.3 mi) to its headwaters; Cache Creek from its confluence with Bargamin Creek upstream 9.9 km (6.1 mi) to its headwaters; Poet Creek from its confluence with Bargamin Creek upstream 5.2 km (3.3 mi) to its headwaters; Hot Springs Creek from its confluence with Bargamin Creek upstream 6.3 km (3.9 mi) to its headwaters; and Green Creek from its confluence with Bargamin Creek upstream 5.0 km (3.1 mi) to its headwaters provide spawning and rearing habitat.

(O) Hida Creek from its confluence with the Salmon River upstream 6.5 km (4.0 mi) to its headwaters contains FMO habitat.

(P) Raven Creek from its confluence with the Salmon River upstream 5.2 km (3.2 mi) to its headwaters contains FMO habitat.

(Q) Magpie Creek from its confluence with the Salmon River upstream 6.4 km (4.0 mi) to its headwaters contains FMO habitat.

(R) Dillinger Creek from its confluence with the Salmon River upstream 11.8 km (7.3 mi) to its headwaters contains FMO habitat.

(S) South Fork Dillinger Creek from its confluence with Dillinger Creek upstream 5.5 km (3.4 mi) to its headwaters contains FMO habitat.

(T) Bruin Creek from its confluence with the Salmon River upstream 4.5 km (2.8 mi) to its headwaters contains FMO habitat.

(U) Hot Springs Creek from its confluence with the Salmon River upstream 10.0 km (6.2 mi) to its headwaters and Cold Creek from its confluence with Hot Springs Creek upstream 2.9 km (1.8 mi) to its headwaters contain FMO habitat.

(V) Sabe Creek from its confluence with the Salmon River upstream 24.4 km (15.2 mi) to its headwaters; Twist Creek from its confluence with Sabe Creek upstream 3.9 km (2.4 mi) to its headwaters; Goodman Creek from its confluence with Sabe Creek upstream 4.6 km (2.9 mi) to its headwaters; Camp Creek from its confluence with Sabe Creek upstream 4.2 km (2.6 mi) to its headwaters; and Basin Creek from its confluence with Sabe Creek upstream 3.2 km (2.0 mi) to its headwaters provide spawning and rearing habitat.

(W) Arctic Creek from its confluence with the Salmon River upstream 3.5 km (2.2 mi) to its headwaters contains FMO habitat.

(X) Big Harrington Creek from its confluence with the Salmon River upstream 13.5 km (8.4 mi) to its headwaters contains FMO habitat.

(Y) Big Bear Creek from its confluence with the Salmon River upstream 12.3 km (7.6 mi) to its headwaters contains FMO habitat.

(Z) Chamberlain Creek from its confluence with the Salmon River upstream 21.4 km (13.3 mi) to Lodgepole Creek contains FMO habitat; Chamberlain Creek from its confluence with Lodgepole Creek upstream 15.0 km (9.3 mi) to Red Top Creek provides spawning and rearing habitat; Chamberlain Creek from its confluence with Red Top Creek upstream 7.2 km (4.4 mi) to its headwaters (confluence of Rim Creek and South Fork Chamberlain Creek) contains FMO habitat.

(AA) McCalla Creek from its confluence with Chamberlain Creek upstream 25.5 km (15.9 mi) to its headwaters; Root Creek from its confluence with McCalla Creek upstream 3.4 km (2.1 mi) to its headwaters; Whimstick Creek from its confluence with McCalla Creek upstream 17.4 km (10.8 mi) to its headwaters; Our Creek from its confluence with Whimstick Creek upstream 2.3 km (1.4 mi) to its headwaters; My Creek from its confluence with Whimstick Creek upstream 2.9 km (1.8 mi) to its headwaters; Wapiti Creek from its confluence with Whimstick Creek upstream 5.9 km (3.6 mi) to its headwaters; East Fork Whimstick Creek from its confluence with Whimstick Creek upstream 6.8 km (4.2 mi) to its headwaters; West Fork Whimstick Creek from its confluence with Whimstick Creek upstream 0.6 km (0.4 mi) to its confluence with Club Creek; Club Creek from its confluence with West Fork Whimstick Creek upstream 5.2 km (3.2 mi) to its headwaters; South Fork Whimstick Creek from its confluence with Whimstick Creek upstream 5.6 km (3.5 mi) to its headwaters; and Moose Jaw Creek from its confluence with McCalla Creek upstream 7.5 km (4.6 mi) to its headwaters contain FMO habitat.

(BB) Queen Creek from its confluence with Chamberlain Creek upstream 9.2 km (5.7 mi) to its headwaters contains FMO habitat.

(CC) Deer Creek from its confluence with Chamberlain Creek upstream 10.1 km (6.2 mi) contains FMO habitat.

(DD) Lodgepole Creek from its confluence with Chamberlain Creek upstream 14.9 km (9.2 mi) to its headwaters; Little Lodgepole Creek from its confluence with Lodgepole Creek upstream 7.0 km (4.3 mi) to its headwaters; and Pole Creek from its confluence with Lodgepole Creek upstream 4.9 km (3.0 mi) to its headwaters contain FMO habitat.

(EE) Pup Creek from its confluence with Chamberlain Creek upstream 4.3 km (2.7 mi) to its headwaters contains FMO habitat.

(FF) Dog Creek from its confluence with Chamberlain Creek upstream 9.0 km (5.6 mi) to its headwaters contains FMO habitat.

(GG) West Fork Chamberlain Creek from its confluence with Chamberlain Creek upstream 14.6 km (9.1 mi) to its headwaters and Game Creek from its mouth on West Fork Chamberlain Creek upstream 8.3 km (5.2 mi) to its headwaters contain FMO habitat.

(HH) Ranch Creek from its confluence with Chamberlain Creek upstream 6.5 km (4.0 mi) to its headwaters contains FMO habitat.

(II) Hotzel Creek from its confluence with Chamberlain Creek upstream 3.2 km (2.0 mi) to its headwaters contains FMO habitat.

(JJ) Flossie Creek from its confluence with Chamberlain Creek upstream 8.1 km (5.0 mi) to its headwaters contains FMO habitat.

(KK) No Name Creek from its confluence with Chamberlain Creek upstream 5.3 km (3.3 mi) to its headwaters contains FMO habitat.

(LL) Moose Creek from its confluence with Chamberlain Creek upstream 9.9 km (6.2 mi) to its headwaters contains FMO habitat.

(MM) Red Top Creek from its confluence with Chamberlain Creek upstream 4.0 km (2.5 mi) to its headwaters contains FMO habitat.

(NN) Fish Creek from its confluence with Chamberlain Creek upstream 6.3 km (3.9 mi) to its headwaters contains FMO habitat.

(OO) South Fork Chamberlain Creek from its confluence with Rim Creek upstream 7.2 km (4.5 mi) to its headwaters and Rim Creek from its confluence with South Fork Chamberlain Creek upstream 8.4 km (5.2 mi) to its headwaters contain FMO habitat.

Table 73. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Middle Salmon River–Chamberlain CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Middle Salmon River–Chamberlain	Chamberlain Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1149310 454542.1
Salmon River Basin–Middle Salmon River–Chamberlain	Chamberlain Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1149310 454542.2
Salmon River Basin–Middle Salmon River–Chamberlain	Chamberlain Creek	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1149310 454542.3
Salmon River Basin–Middle Salmon River–Chamberlain	Basin Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1149593 456566
Salmon River Basin–Middle Salmon River–Chamberlain	Twist Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1149599 456334
Salmon River Basin–Middle Salmon River–Chamberlain	Camp Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1149605 456432
Salmon River Basin–Middle Salmon River–Chamberlain	Big Bear Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149618 454724
Salmon River Basin–Middle Salmon River–Chamberlain	Big Harrington Creek	ID	(Jakober pers. com. 2002, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1149628 454730

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Goodman Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149645 456364
Salmon River Basin—Middle Salmon River—Chamberlain	McCalla Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149812 454140
Salmon River Basin—Middle Salmon River—Chamberlain	Root Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149934 453824
Salmon River Basin—Middle Salmon River—Chamberlain	Arctic Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149970 454975
Salmon River Basin—Middle Salmon River—Chamberlain	Our Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149993 453638
Salmon River Basin—Middle Salmon River—Chamberlain	Whimstick Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149994 453784
Salmon River Basin—Middle Salmon River—Chamberlain	My Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1150032 453570
Salmon River Basin—Middle Salmon River—Chamberlain	Wapiti Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150212 453350
Salmon River Basin—Middle Salmon River—Chamberlain	Green Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150223 457394

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Sabe Creek	ID	(CBBTTAT 1998b, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1150237 455074
Salmon River Basin—Middle Salmon River—Chamberlain	East Fork Whimstick Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1150286 453005
Salmon River Basin—Middle Salmon River—Chamberlain	South Fork Whimstick Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150298 452841
Salmon River Basin—Middle Salmon River—Chamberlain	West Fork Whimstick Creek	ID	Service in litt. 2009	Rationale provided in Salmon River Basin CHU justification text	1150298 452938
Salmon River Basin—Middle Salmon River—Chamberlain	Hot Springs Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1150312 457292
Salmon River Basin—Middle Salmon River—Chamberlain	Poet Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1150329 457225
Salmon River Basin—Middle Salmon River—Chamberlain	Club Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150361 452915
Salmon River Basin—Middle Salmon River—Chamberlain	Hot Springs Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1150406 455109
Salmon River Basin—Middle Salmon River—Chamberlain	Queen Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150486 453998

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Cold Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150702 454881
Salmon River Basin—Middle Salmon River—Chamberlain	Bruin Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1150747 455171
Salmon River Basin—Middle Salmon River—Chamberlain	Deer Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1150915 453819
Salmon River Basin—Middle Salmon River—Chamberlain	Dillinger Creek	ID	(StreamNet 2009, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1151075 455299
Salmon River Basin—Middle Salmon River—Chamberlain	Moose Jaw Creek	ID	(StreamNet 2009, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1151169 453119
Salmon River Basin—Middle Salmon River—Chamberlain	Cache Creek	ID	(StreamNet 2009, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1151170 456364
Salmon River Basin—Middle Salmon River—Chamberlain	Lodgepole Creek	ID	(StreamNet 2009, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1151250 453722
Salmon River Basin—Middle Salmon River—Chamberlain	Pup Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151465 453784
Salmon River Basin—Middle Salmon River—Chamberlain	Dog Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151502 453801

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Magpie Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151517 455484
Salmon River Basin—Middle Salmon River—Chamberlain	Little Lodgepole Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151543 453507
Salmon River Basin—Middle Salmon River—Chamberlain	South Fork Dillinger Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151551 454951
Salmon River Basin—Middle Salmon River—Chamberlain	Pole Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1151586 453355
Salmon River Basin—Middle Salmon River—Chamberlain	Raven Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1151596 455502
Salmon River Basin—Middle Salmon River—Chamberlain	West Fork Chamberlain Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1151663 453826
Salmon River Basin—Middle Salmon River—Chamberlain	Hida Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1151663 455564
Salmon River Basin—Middle Salmon River—Chamberlain	Ranch Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151855 453741
Salmon River Basin—Middle Salmon River—Chamberlain	Hotzel Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151869 453732

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Bargamin Creek	ID	(CBBTTAT 1998b, pg. 1, 22)	Rationale provided in Salmon River Basin CHU justification text	1151912 455673
Salmon River Basin—Middle Salmon River—Chamberlain	Game Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1151920 453982
Salmon River Basin—Middle Salmon River—Chamberlain	Flossie Creek	ID	(StreamNet 2009, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1152059 453717
Salmon River Basin—Middle Salmon River—Chamberlain	No Name Creek	ID	(StreamNet 2009, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1152242 453612
Salmon River Basin—Middle Salmon River—Chamberlain	Silge Creek	ID	(StreamNet 2009, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1152469 455449
Salmon River Basin—Middle Salmon River—Chamberlain	Moose Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152488 453560
Salmon River Basin—Middle Salmon River—Chamberlain	Hartan Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152572 455186
Salmon River Basin—Middle Salmon River—Chamberlain	Richardson Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152597 455387
Salmon River Basin—Middle Salmon River—Chamberlain	Red Top Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152652 453616

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Big Mallard Creek	ID	(D. Mays, pers. comm. 2002b.)	Rationale provided in Salmon River Basin CHU justification text	1152692 455369
Salmon River Basin—Middle Salmon River—Chamberlain	Little Mallard Creek	ID	(D. Mays, pers. comm. 2002b.)	Rationale provided in Salmon River Basin CHU justification text	1153029 455290
Salmon River Basin—Middle Salmon River—Chamberlain	Fish Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1153030 453520
Salmon River Basin—Middle Salmon River—Chamberlain	Rim Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1153290 453359
Salmon River Basin—Middle Salmon River—Chamberlain	South Fork Chamberlain Creek	ID	(CBBTTAT 1998b, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1153290 453360
Salmon River Basin—Middle Salmon River—Chamberlain	Rhett Creek	ID	(Mays 2002b pers. com., pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1153930 454718
Salmon River Basin—Middle Salmon River—Chamberlain	Fivemile Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154682 454122
Salmon River Basin—Middle Salmon River—Chamberlain	Lake Creek	ID	(IDEQ 2001, pg. 17 of appendix 4a)	Rationale provided in Salmon River Basin CHU justification text	1155736 455143
Salmon River Basin—Middle Salmon River—Chamberlain	Warren Creek	ID	(CBBTTAT 1998b, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1155919 453971

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	Slaughter Creek	ID	(CBBTTAT 1998b, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1156360 452722
Salmon River Basin—Middle Salmon River—Chamberlain	Mayflower Creek	ID	(CBBTTAT 1998b, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1156529 452476
Salmon River Basin—Middle Salmon River—Chamberlain	Crooked Creek	ID	(IDEQ 2001, pg. 7 of Appendix 4a)	Rationale provided in Salmon River Basin CHU justification text	1156659 454343
Salmon River Basin—Middle Salmon River—Chamberlain	Webfoot Creek	ID	(IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1156750 452374
Salmon River Basin—Middle Salmon River—Chamberlain	Guard Creek	ID	(IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1156949 452931
Salmon River Basin—Middle Salmon River—Chamberlain	Schissler Creek	ID	(CBBTTAT 1998b, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1157072 453277
Salmon River Basin—Middle Salmon River—Chamberlain	California Creek	ID	(CBBTTAT 1998b, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1157590 454484
Salmon River Basin—Middle Salmon River—Chamberlain	Sheep Creek	ID	(CBBTTAT 1998b, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1158099 454680
Salmon River Basin—Middle Salmon River—Chamberlain	Wind River	ID	(StreamNet 2009, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1159412 454552

Bull Trout Final Critical Habitat Justification

U. S. Fish and Wildlife Service

September 2010

Chapter 27

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Chamberlain	East Fork Fall Creek	ID	(CBBTTAT 1998b, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1159756 454153
Salmon River Basin—Middle Salmon River—Chamberlain	Fall Creek	ID	(CBBTTAT 1998b, pg. 19)	Rationale provided in Salmon River Basin CHU justification text	1159831 454326
Salmon River Basin—Middle Salmon River—Chamberlain	Salmon River	ID	(USFS 1999a, pg. 2-6; BLM 2000b pg. VI-7, I-1; Elle et al. 1994, pg. 60; Schill et al. 1994, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1167926 458560
Salmon River Basin—Middle Salmon River—Chamberlain	Unnamed-North Fork Mayflower Creek	ID	(CBBTTAT 1998b, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	NA

27.4. Middle Fork Salmon River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it contains the largest number of local populations, a high number of individuals, a large amount of habitat, and few threats. This CHSU also has fluvial life history forms that are important to the long-term recovery of the species (see Appendix 1 for more detailed information).

Located within Idaho, Valley, Custer, and Lemhi Counties in east-central Idaho 40 km (25 mi) northwest of the town of Challis, Idaho, designated critical habitat includes 2,045.7 km (1,271.1 mi) of streams and 90.9 ha (224.6 ac) of lake surface area.

The following water bodies are included in this CHSU (see Table 74):

- (A) Middle Fork Salmon River from its confluence with the Salmon River upstream 168.1 km (104.4 mi) to the confluence of Bear Valley Creek and Marsh Creek contains FMO habitat.
- (B) Roaring Creek from its confluence with the Middle Fork Salmon River upstream 3.5 (2.2 mi) contains FMO habitat.
- (C) Stoddard Creek from its confluence with the Middle Fork Salmon River upstream 2.0 km (1.2 mi) contains FMO habitat.
- (D) Ship Island Creek from its confluence with the Middle Fork Salmon River upstream 7.9 km (4.9 mi) to outlet of Ship Island Lake number 1; Ship Island Lake number 1 (35.6 ha (87.9 ac)); Ship Island Creek from the inlet to Ship Island Lake number 1 upstream 1.7 km (1.1 mi) to outlet of Airplane Lake; Airplane Lake (6.3 ha (15.6 ac)); Ship Island Creek from the inlet to Airplane Lake upstream 0.3 km (0.2 mi) to the outlet of Shoban Lake; Shoban Lake (1.9 ha (4.7 ac)); and Ship Island Creek from the inlet to Shoban Lake upstream 0.1 km (0.1 mi) to its headwaters contain FMO habitat.
- (E) Papoose Creek from its confluence with the Middle Fork Salmon River upstream 15.4 km (9.5 mi) to its headwaters contains FMO habitat.
- (F) Big Creek from its confluence with the Middle Fork Salmon River upstream 21.6 km (13.4 mi) to its confluence with Cave Creek contains FMO habitat; Big Creek from its confluence with Cave Creek upstream 40.3 km (25.0 mi) to Big Creek Marsh provides spawning and rearing habitat; Big Creek Marsh (46.1 ha (113.9 ac)) contains FMO habitat; Big Creek from Big Creek Marsh upstream 11.8 km (7.4 mi) to its headwaters provides spawning and rearing habitat; Rush Creek from its confluence with Big Creek upstream 27.4 km (17.0 mi) to its headwaters provides spawning and rearing habitat; South Fork Rush Creek from its confluence with Rush Creek upstream 7.8 km (4.9 mi) to its headwaters contains FMO habitat; Cabin Creek from its confluence with Big Creek upstream 14.4 km (8.9 mi) to its headwaters provides spawning and rearing habitat; Cave Creek from its confluence with Big Creek upstream 19.4 km (12.0 mi) to its headwaters provides spawning and rearing habitat; Monumental Creek from its confluence with Big Creek upstream 41.1 km (25.5 mi) to its headwaters provides spawning and rearing habitat; Snowslide Creek from its confluence with Monumental Creek upstream 12.8 km (7.9 mi) to its headwaters provides spawning and rearing habitat; West Fork Monumental Creek from its confluence with Monumental Creek upstream 12.7 km (7.9 mi) to its headwaters provides spawning and rearing habitat; Crooked Creek from its confluence with Big Creek upstream 11.1 km (6.9 mi) to its confluence with West Fork Crooked Creek provides spawning and rearing habitat; Big Ramey Creek from its confluence with Big Creek upstream 18.7 km

(11.7 mi) to its headwaters provides spawning and rearing habitat; East Fork Big Ramey Creek from its confluence with Big Ramey Creek upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat; Beaver Creek from its confluence with Big Creek upstream 11.6 km (7.2 mi) to Boulder Creek provides spawning and rearing habitat; Beaver Creek from its confluence with Boulder Creek upstream 2.3 km (1.5 mi) contains FMO habitat; Hand Creek from its confluence with Beaver Creek upstream 11.2 km (6.9 mi) to its headwaters provides spawning and rearing habitat; Boulder Creek from its confluence with Beaver Creek upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat; Smith Creek from its confluence with Big Creek upstream 10.0 km (6.2 mi) to the confluence of Middle Fork Smith Creek and South Fork Smith Creek provides spawning and rearing habitat; North Fork Smith Creek from its confluence with Smith Creek upstream 1.2 km (0.8 mi) to an unnamed tributary entering from the north contains FMO habitat; Middle Fork Smith Creek from its confluence with Smith Creek upstream 3.8 km (2.3 mi) to its headwaters provides spawning and rearing habitat; South Fork Smith Creek from its confluence with Smith Creek upstream 4.9 km (3.0 mi) to its headwaters provides spawning and rearing habitat; Logan Creek from its confluence with Big Creek upstream 13.4 km (8.3 mi) to its headwaters provides spawning and rearing habitat; and Belvidere Creek from its confluence with Big Creek upstream 4.7 km (2.9 mi) to its headwaters contains FMO habitat.

(G) Wilson Creek from its confluence with the Middle Fork Salmon River upstream 24.2 km (15.1 mi) to its headwaters provides spawning and rearing habitat and Alpine Creek from its confluence with Wilson Creek upstream 6.4 km (4.0 mi) to the outlet of Alpine Creek Lake number 5; Alpine Creek Lake number 5 (1.0 ha (2.6 ac)); and Alpine Creek from the inlet to Alpine Creek Lake number 5 upstream 0.3 km (0.2 mi) to its headwaters contain FMO habitat.

(H) Soldier Creek from its confluence with the Middle Fork Salmon River upstream 14.3 km (8.9 mi) to its headwaters provides spawning and rearing habitat.

(I) Bernard Creek from its confluence with the Middle Fork Salmon River upstream 2.2 km (1.4 mi) contains FMO habitat.

(J) Brush Creek from its confluence with the Middle Fork Salmon River upstream 10.7 km (6.6 mi) to North Fork Brush Creek provides spawning and rearing habitat.

(K) Sheep Creek from its confluence with the Middle Fork Salmon River upstream 16.3 km (10.1 mi) to its headwaters provides spawning and rearing habitat.

(L) Camas Creek from its confluence with the Middle Fork Salmon River upstream 22.2 km (13.8 mi) to its confluence with West Fork Camas Creek contains FMO habitat; Camas Creek from its confluence with West Fork Camas Creek upstream 30.3 km (18.8 mi) to its headwaters provides spawning and rearing habitat; Woodtick Creek from its confluence with Camas Creek upstream 9.6 km (5.9 mi) to its headwaters provides spawning and rearing habitat; Castle Creek from its confluence with Camas Creek upstream 15.0 km (9.3 mi) to its headwaters provides spawning and rearing habitat; Sheep Creek from its confluence with Camas Creek upstream 3.2 km (2.0 mi) contains FMO habitat; Furnace Creek from its confluence with Camas Creek upstream 12.9 km (8.0 mi) to its headwaters provides spawning and rearing habitat; White Goat Creek from its confluence with Camas Creek upstream 7.1 km (4.4 mi) to its headwaters provides spawning and rearing habitat; South Fork Camas Creek from its confluence with Camas Creek upstream 13.2 km (8.2 mi) to its headwaters provides spawning and rearing habitat; Fly Creek from its confluence with Camas Creek upstream 6.2 km (3.9 mi) to its

headwaters provides spawning and rearing habitat; Spider Creek from its confluence with Camas Creek upstream 3.3 km (2.1 mi) contains FMO habitat; and J Fell Creek from its confluence with Camas Creek upstream 8.5 km (5.3 mi) to its headwaters provides spawning and rearing habitat.

(M) Yellowjacket Creek from its confluence with Camas Creek upstream 36.5 km (22.6 mi) to its headwaters provides spawning and rearing habitat; Camp Creek from its confluence with Yellowjacket Creek upstream 1.8 km (1.1 mi) contains FMO habitat; Lake Creek from its confluence with Yellowjacket Creek upstream 6.4 km (4.0 mi) to its headwaters provides spawning and rearing habitat; Hoodoo Creek from its confluence with Yellowjacket Creek upstream 13.6 km (8.5 mi) to its headwaters provides spawning and rearing habitat; Blackeagle Creek from its confluence with Hoodoo Creek upstream 2.9 km (1.8 mi) contains FMO habitat; Little Jacket Creek from its confluence with Yellowjacket Creek upstream 8.4 km (5.2 mi) to its headwaters provides spawning and rearing habitat; Trail Creek from its confluence with Yellowjacket Creek upstream 4.1 km (2.5 mi) contains FMO habitat; Meadow Creek from its confluence with Yellowjacket Creek upstream 2.0 km (1.3 mi) contains FMO habitat; Beagle Creek from its confluence with Yellowjacket Creek upstream 1.5 km (1.0 mi) to an unnamed tributary entering from the east contains FMO habitat; and Shovel Creek from its confluence with Yellowjacket Creek upstream 5.2 km (3.2 mi) to its headwaters provides spawning and rearing habitat.

(N) West Fork Camas Creek from its confluence with Camas Creek upstream 14.6 km (9.1 mi) to its headwaters provides spawning and rearing habitat; Martindale Creek from its confluence with West Fork Camas Creek upstream 3.0 km (1.9 mi) contains FMO habitat; and Pole Creek from its confluence with West Fork Camas Creek upstream 7.8 km (4.9 mi) to its headwaters and Liberty Creek from its confluence with Pole Creek upstream 4.3 km (2.7 mi) to its headwaters provide spawning and rearing habitat.

(O) Silver Creek from its confluence with Camas Creek upstream 29.0 km (18.0 mi) to its headwaters and Rams Creek from its confluence with Silver Creek upstream 1.2 km (0.8 mi) contain FMO habitat and Arrastra Creek from its confluence with Silver Creek upstream 7.8 km (4.8 mi) to its headwaters; Birdseye Creek from its confluence with Silver Creek upstream 6.9 km (4.3 mi) to its headwaters; and Blue Fork Silver Creek from its confluence with Silver Creek upstream 3.5 km (2.2 mi) to its headwaters contain spawning and rearing habitat.

(P) Norton Creek from its confluence with the Middle Fork Salmon River upstream 12.8 km (7.9 mi) to its headwaters provides spawning and rearing habitat.

(Q) Loon Creek from its confluence with the Middle Fork Salmon River upstream 39.1 km (24.3 mi) to its confluence with Mayfield Creek contains FMO habitat; Loon Creek from its confluence with Mayfield Creek upstream 15.4 km (9.6 mi) to its headwaters provides spawning and rearing habitat; Cache Creek from its confluence with Loon Creek upstream 11.5 km (7.1 mi) to its headwaters provides spawning and rearing habitat; Bear Creek from its confluence with Loon Creek upstream 4.3 km (2.7 mi) to its headwaters provides spawning and rearing habitat; Cold Spring Creek from its confluence with Loon Creek upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat; Jack Creek from its confluence with Loon Creek upstream 7.5 km (4.7 mi) to its headwaters contains FMO habitat; Indian Creek from its confluence with Loon Creek upstream 8.7 km (5.4 mi) to its headwaters provides spawning and rearing habitat; Cabin Creek from its confluence with Loon Creek upstream

10.5 km (6.5 mi) to its headwaters provides spawning and rearing habitat; Rock Creek from its confluence with Loon Creek upstream 13.0 km (8.1 mi) to its headwaters provides spawning and rearing habitat; Shell Creek from its confluence with Loon Creek upstream 5.5 km (3.4 mi) to its headwaters contains FMO habitat; Rat Creek from its confluence with Loon Creek upstream 4.9 km (3.0 mi) to its headwaters contains FMO habitat; Canyon Creek from its confluence with Loon Creek upstream 8.5 km (5.3 mi) to its headwaters contains FMO habitat; Deer Creek from its confluence with Loon Creek upstream 5.9 km (3.7 mi) to its headwaters contains FMO habitat; Trail Creek from its confluence with Loon Creek upstream 10.1 km (6.3 mi) to its headwaters provides spawning and rearing habitat; and Pioneer Creek from its confluence with Loon Creek upstream 11.0 km (6.8 mi) to its headwaters provides spawning and rearing habitat.

(R) Warm Spring Creek from its confluence with Loon Creek upstream 30.1 km (18.7 mi) to its headwaters provides spawning and rearing habitat; Fir Creek from its confluence with Warm Spring Creek upstream 5.2 km (3.2 mi) to its headwaters contains FMO habitat; Cat Creek from its confluence with Warm Spring Creek upstream 4.6 km (2.9 mi) contains FMO habitat; Mahoney Creek (also known as McHoney Creek on some maps) from its confluence with Warm Spring Creek upstream 6.2 km (3.8 mi) to its headwaters contains FMO habitat; Parker Creek from its confluence with Warm Spring Creek upstream 7.3 km (4.5 mi) to its headwaters contains FMO habitat; Wickiup Creek from its confluence with Warm Spring Creek upstream 5.5 km (3.4 mi) to its headwaters provides spawning and rearing habitat; Trapper Creek from its confluence with Warm Spring Creek upstream 12.1 km (7.5 mi) to its headwaters contains FMO habitat; McKee Creek from its confluence with Trapper Creek upstream 6.2 km (3.8 mi) to its headwaters contains FMO habitat; Rush Creek from its confluence with Trapper Creek upstream 5.9 km (3.7 mi) to its headwaters contains FMO habitat; and South Fork Warm Spring Creek from its confluence with Warm Spring Creek upstream 1.4 km (0.9 mi) to an unnamed tributary entering from the south provides spawning and rearing habitat.

(S) Cottonwood Creek from its confluence with Loon Creek upstream 8.9 km (5.5 mi) to its headwaters provides spawning and rearing habitat and South Fork Cottonwood Creek from its confluence with Cottonwood Creek upstream 7.4 km (4.6 mi) to its headwaters contains FMO habitat.

(T) Mayfield Creek from its confluence with Loon Creek upstream 5.1 km (3.2 mi) to the confluence of East Fork Mayfield Creek and West Fork Mayfield Creek provides spawning and rearing habitat; Nelson Creek from its confluence with Mayfield Creek upstream 4.9 km (3.0 mi) to its headwaters provides spawning and rearing habitat; West Fork Mayfield Creek from its confluence with East Fork Mayfield Creek upstream 11.2 km (6.9 mi) to its headwaters provides spawning and rearing habitat; Mystery Creek from its confluence with West Fork Mayfield Creek upstream 3.7 km (2.3 mi) to its headwaters contains FMO habitat; and East Fork Mayfield Creek from its confluence with West Fork Mayfield Creek upstream 20.2 km (12.5 mi) to its headwaters provides spawning and rearing habitat.

(U) Little Loon Creek from its confluence with the Middle Fork Salmon River upstream 18.5 km (11.5 mi) to its headwaters and West Fork Little Loon Creek from its confluence with Little Loon Creek upstream 6.2 km (3.9 mi) to its headwaters provide spawning and rearing habitat.

(V) Little Creek from its confluence with the Middle Fork Salmon River upstream 3.9 km (2.4 mi) to its headwaters contains FMO habitat.

(W) Thomas Creek from its confluence with the Middle Fork Salmon River upstream 1.8 km (1.1 mi) to the confluence of West Fork Thomas Creek and East Fork Thomas Creek; West Fork Thomas Creek from its confluence with Thomas Creek upstream 3.8 km (2.3 mi) to its headwaters; East Fork Thomas Creek from its confluence with Thomas Creek upstream 4.8 km (3.0 mi) to its headwaters; and West Fork Thomas Creek from its confluence with Thomas Creek upstream 3.8 km (2.3 mi) to its headwaters provide spawning and rearing habitat.

(X) Marble Creek from its confluence with the Middle Fork Salmon River upstream 21.5 km (13.3 mi) to Dynamite Creek contains FMO habitat and Marble Creek from its confluence with Dynamite Creek upstream 14.9 km (9.3 mi) to its headwaters; Trail Creek from its confluence with Marble Creek upstream 15.5 km (9.6 mi) to its headwaters; Dynamite Creek from its confluence with Marble Creek upstream 13.2 km (8.2 mi) to its headwaters; Buck Creek from its confluence with Marble Creek upstream 6.9 km (4.3 mi) to its headwaters; Little Cottonwood Creek from its confluence with Marble Creek upstream 6.5 km (4.0 mi) to its headwaters; and Big Cottonwood Creek from its confluence with Marble Creek upstream 12.2 km (7.6 mi) to its headwaters provide spawning and rearing habitat.

(Y) Indian Creek from its confluence with the Middle Fork Salmon River upstream 6.0 km (3.7 mi) to its confluence with Middle Fork Indian Creek contains FMO habitat and Indian Creek from its confluence with Middle Fork Indian Creek upstream 26.7 km (16.6 mi) to its headwaters; Middle Fork Indian Creek from its confluence with Indian Creek upstream 8.7 km (5.4 mi) to its headwaters; Cultus Creek from its confluence with Indian Creek upstream 4.9 km (3.1 mi) to its headwaters; Papoose Creek from its confluence with Indian Creek upstream 5.9 km (3.6 mi) to its headwaters; Little Indian Creek from its confluence with Indian Creek upstream 7.7 km (4.8 mi) to its headwaters; and Big Chief Creek from its confluence with Indian Creek upstream 8.2 km (5.1 mi) to its headwaters provide spawning and rearing habitat.

(Z) Pistol Creek from its confluence with the Middle Fork Salmon River upstream 5.0 km (3.1 mi) to Little Pistol Creek contains FMO habitat and Pistol Creek from its confluence with Little Pistol Creek upstream 24.4 km (15.1 mi) to its headwaters; Little Pistol Creek from its confluence with Pistol Creek upstream 22.1 km (13.7 mi) to its headwaters; Springfield Creek from its confluence with Little Pistol Creek upstream 6.0 km (3.7 mi) to its headwaters; West Fork Springfield Creek from its confluence with Springfield Creek upstream 5.5 km (3.4 mi) to its headwaters; Browning Creek from its confluence with Little Pistol Creek upstream 5.5 km (3.4 mi) to its headwaters; Forty-Five Creek from its confluence with Pistol Creek upstream 9.6 km (5.9 mi) to its headwaters; Luger Creek from its confluence with Pistol Creek upstream 8.8 km (5.5 mi) to its headwaters; and Thirty-Eight Creek from its confluence with Pistol Creek upstream 5.4 km (3.3 mi) to its headwaters provide spawning and rearing habitat.

(AA) Lake Creek from its confluence with the Middle Fork Salmon River upstream 4.3 km (2.7 mi) to its headwaters contains FMO habitat.

(BB) Rapid River from its confluence with the Middle Fork Salmon River upstream 20.2 km (12.6 mi) to its confluence with Float Creek contains FMO habitat and Rapid River from its confluence with Float Creek upstream 7.3 km (4.5 mi) to its confluence with Duffield Creek; Sheep Creek from its confluence with Rapid River upstream 3.3 km (2.0 mi) to its confluence with North Fork Sheep Creek and South Fork Sheep Creek; North Fork Sheep Creek from its confluence with South Fork Sheep Creek upstream 5.1 km (3.2 mi) to its headwaters; South Fork Sheep Creek from its confluence with North Fork Sheep Creek upstream 7.2 km (4.5 mi) to its

headwaters; Sulfur Creek from its confluence with Rapid River upstream 7.9 km (4.9 mi) to its headwaters; Float Creek from its confluence with Rapid River upstream 11.4 km (7.1 mi) to its headwaters; Vanity Creek from its confluence with Rapid River upstream 9.6 km (6.0 mi) to its headwaters; Seafoam Creek from its confluence with Vanity Creek upstream 5.6 km (3.5 mi) to an unnamed tributary entering from the south; and Baldwin Creek from its confluence with Seafoam Creek upstream 5.9 km (3.7 mi) provide spawning and rearing habitat.

(CC) Duffield Creek from its confluence with Pinyon Creek upstream 10.9 km (6.8 mi) to its headwaters provides spawning and rearing habitat.

(DD) Greyhound Creek from its confluence with the Middle Fork Salmon River upstream 8.3 km (5.2 mi) to its headwaters provides spawning and rearing habitat.

(EE) Lake Creek from its confluence with the Middle Fork Salmon River upstream 5.1 km (3.2 mi) to its headwaters contains FMO habitat.

(FF) Soldier Creek from its confluence with the Middle Fork Salmon River upstream 12.6 km (7.8 mi) to its headwaters provides spawning and rearing habitat.

(GG) Elkhorn Creek from its confluence with the Middle Fork Salmon River upstream 11.9 km (7.4 mi) to its headwaters provides spawning and rearing habitat; North Fork Elkhorn Creek from its confluence with Elkhorn Creek upstream 7.9 km (4.9 mi) to its headwaters provides spawning and rearing habitat; Lucky Creek from its confluence with North Fork Elkhorn Creek upstream 6.0 km (3.7 mi) to its headwaters contains FMO habitat; and Middle Fork Elkhorn Creek from its confluence with Elkhorn Creek upstream 6.8 km (4.2 mi) to its headwaters provides spawning and rearing habitat.

(HH) Sulphur Creek from its confluence with the Middle Fork Salmon River upstream 29.3 km (18.2 mi) to its headwaters provides spawning and rearing habitat and Honeymoon Creek from its confluence with Sulphur Creek upstream 0.8 km (0.5 mi); Half Moon Creek from its confluence with Honeymoon Creek upstream 0.3 km (0.2 mi); and North Fork Sulphur Creek from its confluence with Sulphur Creek upstream 6.3 km (3.9 mi) to its headwaters contain FMO habitat.

(II) Dagger Creek from its confluence with the Middle Fork Salmon River upstream 12.4 km (7.7 mi) to its headwaters provides spawning and rearing habitat.

(JJ) Marsh Creek from its confluence with the Middle Fork Salmon River upstream 15.5 km (9.7 mi) to its confluence with Knapp Creek contains FMO habitat; Marsh Creek from its confluence with Knapp Creek upstream 6.4 km (3.9 mi) to its headwaters provides spawning and rearing habitat; Lola Creek from its confluence with Marsh Creek upstream 6.3 km (3.9 mi) to its headwaters provides spawning and rearing habitat; Beaver Creek from its confluence with Marsh Creek upstream 8.5 km (5.3 mi) to its confluence with Bear Creek contains FMO habitat; Beaver Creek from its confluence with Bear Creek upstream 18.8 km (11.7 mi) to its headwaters provides spawning and rearing habitat; Winnemucca Creek from its confluence with Beaver Creek upstream 11.3 km (7.0 mi) to its headwaters provides spawning and rearing habitat; Bear Creek from its confluence with Beaver Creek upstream 6.5 km (4.1 mi) to its headwaters provides spawning and rearing habitat; Cape Horn Creek from its confluence with Marsh Creek upstream 15.1 km (9.4 mi) to its headwaters provides spawning and rearing habitat; Banner Creek from its confluence with Cape Horn Creek upstream 11.5 km (7.1 mi) to its headwaters provides spawning and rearing habitat; Knapp Creek from its confluence with

Marsh Creek upstream 24.8 km (15.4 mi) to its headwaters provides spawning and rearing habitat; and an unnamed creek (entering Knapp Creek approximately 11 km (7 mi) upstream from its confluence with Marsh Creek) from its confluence with Knapp Creek upstream 3.0 km (1.9 mi) to its headwaters contains FMO habitat.

(KK) Bear Valley Creek from its confluence with Marsh Creek upstream 18.1 km (11.2 mi) to its confluence with Elk Creek contains FMO habitat and Bear Valley Creek from its confluence with Elk Creek upstream 31.4 km (19.5 mi) to its headwaters; Fir Creek from its confluence with Bear Valley Creek upstream 11.0 km (6.8 mi) to its headwaters; Cold Creek from its confluence with Bear Valley Creek upstream 6.8 km (4.2 mi) to its headwaters; Wyoming Creek from its confluence with Bear Valley Creek upstream 10.0 km (6.2 mi) to its headwaters; Poker Creek from its confluence with Bear Valley Creek upstream 4.0 km (2.5 mi) to its headwaters; Chip Creek from its confluence with Bear Valley Creek upstream 2.6 km (1.6 mi) to its headwaters; Pole Creek from its confluence with Bear Valley Creek upstream 3.1 km (1.9 mi) to its headwaters; Sack Creek from its confluence with Bear Valley Creek upstream 8.9 km (5.5 mi) to its headwaters; Cache Creek from its confluence with Bear Valley Creek upstream 12.2 km (7.6 mi) to its headwaters; East Fork Cache Creek from its confluence with Cache Creek upstream 3.2 km (2.0 mi) to its headwaters; Sheep Trail Creek from its confluence with Bear Valley Creek upstream 3.6 km (2.2 mi) to its headwaters; Cub Creek from its confluence with Bear Valley Creek upstream 4.2 km (2.6 mi) to its headwaters; and Casner Creek from its confluence with Bear Valley Creek upstream 4.4 km (2.8 mi) to its headwaters provide spawning and rearing habitat.

(LL) Elk Creek from its confluence with Bear Valley Creek upstream 25.5 km (15.9 mi) to the confluence of East Fork Elk Creek and North Fork Elk Creek contains FMO habitat; Cook Creek from its confluence with Elk Creek upstream 9.8 km (6.1 mi) to its headwaters provides spawning and rearing habitat; Bearskin Creek from its confluence with Elk Creek upstream 13.6 km (8.4 mi) to its headwaters provides spawning and rearing habitat; Little Beaver Creek from its confluence with Bearskin Creek upstream 6.3 km (3.9 mi) to its headwaters provides spawning and rearing habitat; an unnamed creek (entering Bearskin Creek from the west approximately 6.0 km (3.7 mi) upstream from its confluence with Little Beaver Creek) from its confluence with Bearskin Creek upstream 2.7 km (1.7 mi) to its headwaters contains FMO habitat; Porter Creek from its confluence with Elk Creek upstream 9.9 km (6.2 mi) to its headwaters provides spawning and rearing habitat; Little East Fork Elk Creek from its confluence with Elk Creek upstream 5.1 km (3.2 mi) to its headwaters contains FMO habitat; West Fork Elk Creek from its confluence with Elk Creek upstream 6.4 km (4.0 mi) to its headwaters provides spawning and rearing habitat; North Fork Elk Creek from its confluence with East Fork Elk Creek upstream 5.1 km (3.2 mi) to its headwaters provides spawning and rearing habitat; East Fork Elk Creek from its confluence with North Fork Elk Creek upstream 10.2 km (6.4 mi) to its headwaters provides spawning and rearing habitat.

Table 74. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Middle Fork Salmon River CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Middle Fork Salmon River	Blue Fork Silver Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1143544 448830
Salmon River Basin–Middle Fork Salmon River	Birdseye Creek	ID	(Bruce Roberts in Service in litt. 2002, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1143841 449270
Salmon River Basin–Middle Fork Salmon River	Arrastra Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144247 448684
Salmon River Basin–Middle Fork Salmon River	Rams Creek	ID	(StreamNet 2009, pg. 31)	Rationale provided in Salmon River Basin CHU justification text	1144523 448610
Salmon River Basin–Middle Fork Salmon River	J Fell Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144576 446840
Salmon River Basin–Middle Fork Salmon River	Castle Creek	ID	(StreamNet 2009, pg. 27; Service in litt 2002b, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144706 448011
Salmon River Basin–Middle Fork Salmon River	Shovel Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144779 450002
Salmon River Basin–Middle Fork Salmon River	Beagle Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1144796 449962

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Sheep Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1144820 447703
Salmon River Basin—Middle Fork Salmon River	Spider Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1144834 446966
Salmon River Basin—Middle Fork Salmon River	Furnace Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1144857 447665
Salmon River Basin—Middle Fork Salmon River	Meadow Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1144866 449905
Salmon River Basin—Middle Fork Salmon River	White Goat Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144883 447412
Salmon River Basin—Middle Fork Salmon River	Fly Creek	ID	(StreamNet 2009, pg. 20; Service in litt 2002b, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144960 447052
Salmon River Basin—Middle Fork Salmon River	South Fork Camas Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1144979 447206
Salmon River Basin—Middle Fork Salmon River	Silver Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145007 448300
Salmon River Basin—Middle Fork Salmon River	West Fork Camas Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145035 448310

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Trail Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1145310 449761
Salmon River Basin—Middle Fork Salmon River	Martindale Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145438 448135
Salmon River Basin—Middle Fork Salmon River	South Fork Warm Spring Creek	ID	Tom Montoya (Service in litt. 2002c,pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1145514 445784
Salmon River Basin—Middle Fork Salmon River	Little Jacket Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1145655 449529
Salmon River Basin—Middle Fork Salmon River	Blackeagle Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145670 449919
Salmon River Basin—Middle Fork Salmon River	Hoodoo Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1145812 449527
Salmon River Basin—Middle Fork Salmon River	Lake Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1145908 449475
Salmon River Basin—Middle Fork Salmon River	Middle Fork Salmon River	ID	Leon Jadowski (Service in litt. 2002c, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1145914 452972
Salmon River Basin—Middle Fork Salmon River	Pole Creek-Camas	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	11459374 47942

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Camp Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1145942 449446
Salmon River Basin—Middle Fork Salmon River	Parker Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145959 446225
Salmon River Basin—Middle Fork Salmon River	Wickiup Creek-Loon	ID	Tom Montoya (Service in litt. 2002c,pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1145966 446065
Salmon River Basin—Middle Fork Salmon River	Trapper Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1146022 445966
Salmon River Basin—Middle Fork Salmon River	McKee Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1146086 445909
Salmon River Basin—Middle Fork Salmon River	McHoney Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1146094 446383
Salmon River Basin—Middle Fork Salmon River	Rush Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1146130 445780.2
Salmon River Basin—Middle Fork Salmon River	Liberty Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1146167 447835
Salmon River Basin—Middle Fork Salmon River	Woodtick Creek	ID	(Bruce Roberts in Service in litt. 2002, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1146250 448840

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Cat Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1146275 446522
Salmon River Basin—Middle Fork Salmon River	Yellowjacket Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1146437 448923
Salmon River Basin—Middle Fork Salmon River	Roaring Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1146450 452593
Salmon River Basin—Middle Fork Salmon River	Alpine Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1146546 450318
Salmon River Basin—Middle Fork Salmon River	Alpine Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1146546 450318
Salmon River Basin—Middle Fork Salmon River	Stoddard Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1146668 452353
Salmon River Basin—Middle Fork Salmon River	Fir Creek	ID	(StreamNet 2009, pg. 25)	Rationale provided in Salmon River Basin CHU justification text	1146977 446554
Salmon River Basin—Middle Fork Salmon River	Ship Island Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1147196 451755.1
Salmon River Basin—Middle Fork Salmon River	Ship Island Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1147196 451755.2

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Ship Island Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1147196 451755.3
Salmon River Basin—Middle Fork Salmon River	Ship Island Creek	ID	(StreamNet 2009, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1147196 451755.4
Salmon River Basin—Middle Fork Salmon River	Papoose Creek	ID	(StreamNet 2009, pg. 29)	Rationale provided in Salmon River Basin CHU justification text	1147198 451741
Salmon River Basin—Middle Fork Salmon River	Camas Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1147222 448918.1
Salmon River Basin—Middle Fork Salmon River	Camas Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1147222 448918.2
Salmon River Basin—Middle Fork Salmon River	Wilson Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1147235 450334
Salmon River Basin—Middle Fork Salmon River	Soldier Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1147257 450286
Salmon River Basin—Middle Fork Salmon River	Sheep Creek-Lmf	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1147264 449426
Salmon River Basin—Middle Fork Salmon River	Big Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1147322 450945.1

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Big Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1147322 450945.2
Salmon River Basin—Middle Fork Salmon River	Big Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1147322 450945.3
Salmon River Basin—Middle Fork Salmon River	Brush Creek	ID	(StreamNet 2009, pg. 29)	Rationale provided in Salmon River Basin CHU justification text	1147330 449554
Salmon River Basin—Middle Fork Salmon River	Bernard Creek	ID	(StreamNet 2009, pg. 29)	Rationale provided in Salmon River Basin CHU justification text	1147342 449752
Salmon River Basin—Middle Fork Salmon River	Warm Spring Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1147361 446527
Salmon River Basin—Middle Fork Salmon River	Rock Creek-Loon	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1147399 446744
Salmon River Basin—Middle Fork Salmon River	Cabin Creek-Loon	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1147529 446911
Salmon River Basin—Middle Fork Salmon River	Indian Creek-Loon	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1147544 446922
Salmon River Basin—Middle Fork Salmon River	South Fork Cottonwood Creek	ID	(StreamNet 2009, pg. 30)	Rationale provided in Salmon River Basin CHU justification text	1147594 446210

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Cottonwood Creek	ID	(StreamNet 2009, pg. 30; Tom Montoya in Service in litt. 2002, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1147605 446230
Salmon River Basin—Middle Fork Salmon River	Jack Creek	ID	(StreamNet 2009, pg. 30)	Rationale provided in Salmon River Basin CHU justification text	1147605 446957
Salmon River Basin—Middle Fork Salmon River	Mystery Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1147741 445190
Salmon River Basin—Middle Fork Salmon River	Shell Creek	ID	(StreamNet 2009, pg. 26)	Rationale provided in Salmon River Basin CHU justification text	1147884 446131
Salmon River Basin—Middle Fork Salmon River	Norton Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1147936 448267
Salmon River Basin—Middle Fork Salmon River	East Fork Mayfield Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1147974 445391
Salmon River Basin—Middle Fork Salmon River	West Fork Mayfield Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1147974 445392
Salmon River Basin—Middle Fork Salmon River	Cold Spring Creek-Loon	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1147986 447179
Salmon River Basin—Middle Fork Salmon River	Nelson Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1148030 445401

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Cache Creek-Loon	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1148054448010
Salmon River Basin—Middle Fork Salmon River	Loon Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1148112448083.1
Salmon River Basin—Middle Fork Salmon River	Loon Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1148112448083.2
Salmon River Basin—Middle Fork Salmon River	Bear Creek-Loon	ID	Tom Montoya (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1148179447417
Salmon River Basin—Middle Fork Salmon River	Rat Creek	ID	(StreamNet 2009, pg. 26)	Rationale provided in Salmon River Basin CHU justification text	1148249445883
Salmon River Basin—Middle Fork Salmon River	Canyon Creek	ID	(StreamNet 2009, pg. 25)	Rationale provided in Salmon River Basin CHU justification text	1148459445684
Salmon River Basin—Middle Fork Salmon River	Mayfield Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1148492445522
Salmon River Basin—Middle Fork Salmon River	Deer Creek	ID	(StreamNet 2009, pg. 25)	Rationale provided in Salmon River Basin CHU justification text	1148538445482
Salmon River Basin—Middle Fork Salmon River	Trail Creek-Loon	ID	Tom Montoya (Service in litt. 2002c,pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1148578445433

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Rush Creek	ID	Tom Montoya (Service in litt. 2002c,pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1148605 451048.1
Salmon River Basin—Middle Fork Salmon River	Pioneer Creek - Loon	ID	Tom Montoya (Service in litt. 2002c,pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1148640 445216
Salmon River Basin—Middle Fork Salmon River	West Fork Little Loon Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1149345 447096
Salmon River Basin—Middle Fork Salmon River	Cabin Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 12)	Rationale provided in Salmon River Basin CHU justification text	1149354 451265
Salmon River Basin—Middle Fork Salmon River	Little Loon Creek	ID	(StreamNet 2009, pg. 23; Service in litt 2002b, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1149397 447312
Salmon River Basin—Middle Fork Salmon River	Cave-Big Creek	ID	Dave Burns (Service in litt. 2002c, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1149547 451322
Salmon River Basin—Middle Fork Salmon River	South Fork Rush Creek	ID	(StreamNet 2009, pg. 22, Service in litt 2002b, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1149782 450138
Salmon River Basin—Middle Fork Salmon River	Little Creek	ID	(StreamNet 2009, pg. 22, Service in litt 2002b, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1149975 447238
Salmon River Basin—Middle Fork Salmon River	Duffield Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	115007 4445509

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Trail Creek-Marble	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150094448408
Salmon River Basin—Middle Fork Salmon River	Thomas Creek	ID	(StreamNet 2009, pg. 24; Service in litt 2002b, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150110447147
Salmon River Basin—Middle Fork Salmon River	Marble Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150164447433.1
Salmon River Basin—Middle Fork Salmon River	Marble Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150164447433.2
Salmon River Basin—Middle Fork Salmon River	North Fork Sheep Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1150175446490
Salmon River Basin—Middle Fork Salmon River	South Fork Sheep Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150175446491
Salmon River Basin—Middle Fork Salmon River	East Fork Thomas Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150268447049
Salmon River Basin—Middle Fork Salmon River	West Fork Thomas Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150268447050
Salmon River Basin—Middle Fork Salmon River	Unnamed-to Knapp Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1150356444207

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Dynamite Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150567 448763
Salmon River Basin—Middle Fork Salmon River	Sheep Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1150575 446466
Salmon River Basin—Middle Fork Salmon River	Winnemucca Creek	ID	Tom Montoya (Service in litt. 2002c,pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1150578 444364
Salmon River Basin—Middle Fork Salmon River	Vanity Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1150612 445531
Salmon River Basin—Middle Fork Salmon River	Seafoam Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1150644 445419
Salmon River Basin—Middle Fork Salmon River	Buck Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150645 448962
Salmon River Basin—Middle Fork Salmon River	Baldwin Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1150673 445414
Salmon River Basin—Middle Fork Salmon River	Float Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1150710 445710
Salmon River Basin—Middle Fork Salmon River	Sulphur Creek-Rapid	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1150730 445862

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Little Cottonwood Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150732 449068
Salmon River Basin—Middle Fork Salmon River	Big Cottonwood Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150818 449116
Salmon River Basin—Middle Fork Salmon River	Indian Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150903 447696.1
Salmon River Basin—Middle Fork Salmon River	Indian Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1150903 447696.2
Salmon River Basin—Middle Fork Salmon River	Bear Creek-Marsh	ID	Tom Montoya (Service in litt. 2002c,pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1151001 444387
Salmon River Basin—Middle Fork Salmon River	Crooked Creek	ID	(StreamNet 2009, pg. 20)	Rationale provided in Salmon River Basin CHU justification text	1151281 451632
Salmon River Basin—Middle Fork Salmon River	Monumental Creek	ID	Dave Burns (Service in litt. 2002c, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1151290 451604
Salmon River Basin—Middle Fork Salmon River	Knapp Creek	ID	Tom Montoya (Service in litt. 2002c,pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1151311 443652
Salmon River Basin—Middle Fork Salmon River	Middle Fork Indian Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1151325 447965

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	West Fork Monumental Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1151393 450050
Salmon River Basin—Middle Fork Salmon River	Lake Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1151416 447196
Salmon River Basin—Middle Fork Salmon River	Pistol Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1151487 447239.1
Salmon River Basin—Middle Fork Salmon River	Pistol Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1151487 447239.2
Salmon River Basin—Middle Fork Salmon River	Rapid River	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1151523 446804.1
Salmon River Basin—Middle Fork Salmon River	Rapid River	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1151523 446804.2
Salmon River Basin—Middle Fork Salmon River	Snowslide Creek	ID	(StreamNet 2009, pg. 21, Service in litt 2002b, pg. 10)	Rationale provided in Salmon River Basin CHU justification text	1151558 450984
Salmon River Basin—Middle Fork Salmon River	Big Ramey Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1151595 451770
Salmon River Basin—Middle Fork Salmon River	Greyhound Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1151670 446484

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Cape Horn Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1151682 443950
Salmon River Basin—Middle Fork Salmon River	Beaver Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1151697 444060.1
Salmon River Basin—Middle Fork Salmon River	Beaver Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1151697 444060.2
Salmon River Basin—Middle Fork Salmon River	Lola Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1151737 444082
Salmon River Basin—Middle Fork Salmon River	Cultus Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1151752 448129
Salmon River Basin—Middle Fork Salmon River	Lake Creek	ID	(StreamNet 2009, pg. 21)	Rationale provided in Salmon River Basin CHU justification text	1151801 446429
Salmon River Basin—Middle Fork Salmon River	East Fork Big Ramey Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1151873 452139
Salmon River Basin—Middle Fork Salmon River	Little Pistol Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152032 447211
Salmon River Basin—Middle Fork Salmon River	Banner Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1152079 443560

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Soldier Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1152122 446259
Salmon River Basin—Middle Fork Salmon River	Bear Valley Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1152301 444492.1
Salmon River Basin—Middle Fork Salmon River	Bear Valley Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1152301 444492.2
Salmon River Basin—Middle Fork Salmon River	Marsh Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1152301 444493.1
Salmon River Basin—Middle Fork Salmon River	Marsh Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1152301 444493.2
Salmon River Basin—Middle Fork Salmon River	Forty-Five Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	115232 4447179
Salmon River Basin—Middle Fork Salmon River	Beaver Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152425 451626
Salmon River Basin—Middle Fork Salmon River	Beaver Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1152425 451626
Salmon River Basin—Middle Fork Salmon River	Papoose Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152447 448372

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Little Indian Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152558 448415
Salmon River Basin—Middle Fork Salmon River	Elkhorn Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152565 446153
Salmon River Basin—Middle Fork Salmon River	North Fork Elkhorn Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152761 446250
Salmon River Basin—Middle Fork Salmon River	Lucky Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152766 446252
Salmon River Basin—Middle Fork Salmon River	Dagger Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1152812 445233
Salmon River Basin—Middle Fork Salmon River	Middle Fork Elkhorn Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152899 446201
Salmon River Basin—Middle Fork Salmon River	Fir Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1152902 444282
Salmon River Basin—Middle Fork Salmon River	Smith Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1152968 451525
Salmon River Basin—Middle Fork Salmon River	Big Chief Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152973 448376

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Sulphur Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1152974 445546
Salmon River Basin—Middle Fork Salmon River	Hand Creek	ID	(StreamNet 2009, pg. 18, Service in litt 2002b, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1152999 452276
Salmon River Basin—Middle Fork Salmon River	Cold Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153106 444252
Salmon River Basin—Middle Fork Salmon River	Springfield Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1153117 447642
Salmon River Basin—Middle Fork Salmon River	Boulder Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1153140 452419
Salmon River Basin—Middle Fork Salmon River	Logan Creek	ID	(Service in litt 2002b, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1153192 451183
Salmon River Basin—Middle Fork Salmon River	West Fork Springfield Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1153198 447857
Salmon River Basin—Middle Fork Salmon River	Wyoming Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1153205 444255
Salmon River Basin—Middle Fork Salmon River	Poker Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153342 444290

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Chip Creek	ID	(USFS 2002b)	Rationale provided in Salmon River Basin CHU justification text	1153398 444288
Salmon River Basin—Middle Fork Salmon River	North Fork Smith Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153451 451882
Salmon River Basin—Middle Fork Salmon River	Luger Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1153571 446864
Salmon River Basin—Middle Fork Salmon River	Browning Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1153628 447590
Salmon River Basin—Middle Fork Salmon River	Belvidere Creek	ID	(StreamNet 2009, pg. 17, Service in litt 2002b, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1153636 450695
Salmon River Basin—Middle Fork Salmon River	Elk Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153717 444105
Salmon River Basin—Middle Fork Salmon River	Cook Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153766 444086
Salmon River Basin—Middle Fork Salmon River	Pole Creek	ID	(StreamNet 2009, pg. 17)	Rationale provided in Salmon River Basin CHU justification text	1153788 443858
Salmon River Basin—Middle Fork Salmon River	South Fork Smith Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1153803 451704

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Middle Fork Smith Creek	ID	Dave Burns (Service in litt. 2002c, pg. 11)	Rationale provided in Salmon River Basin CHU justification text	1153804 451703
Salmon River Basin—Middle Fork Salmon River	Thirty-Eight Creek	ID	Leon Jadowski (Service in litt. 2002c, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1153948 446727
Salmon River Basin—Middle Fork Salmon River	Sack Creek	ID	(StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1154075 443590
Salmon River Basin—Middle Fork Salmon River	Half Moon Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	1154112 445567
Salmon River Basin—Middle Fork Salmon River	Honeymoon Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	1154127 445533
Salmon River Basin—Middle Fork Salmon River	Cache Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154190 443464
Salmon River Basin—Middle Fork Salmon River	East Fork Cache Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	1154228 443146
Salmon River Basin—Middle Fork Salmon River	North Fork Sulphur Creek	ID	(IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1154387 445541
Salmon River Basin—Middle Fork Salmon River	Little East Fork Elk Creek	ID	(IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1154450 444645

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Sheep Trail Creek	ID	(StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1154473 443369
Salmon River Basin—Middle Fork Salmon River	Porter Creek	ID	(StreamNet 2009, pg. 16)	Rationale provided in Salmon River Basin CHU justification text	1154503 444574
Salmon River Basin—Middle Fork Salmon River	East Fork Elk Creek	ID	(StreamNet 2009, pg. 18)	Rationale provided in Salmon River Basin CHU justification text	1154524 444852
Salmon River Basin—Middle Fork Salmon River	North Fork Elk Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154524 444853
Salmon River Basin—Middle Fork Salmon River	West Fork Elk Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154572 444790
Salmon River Basin—Middle Fork Salmon River	Bearskin Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154663 444147
Salmon River Basin—Middle Fork Salmon River	Cub Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154726 443244
Salmon River Basin—Middle Fork Salmon River	Casner Creek	ID	(StreamNet 2009, pg. 15)	Rationale provided in Salmon River Basin CHU justification text	1154840 442950
Salmon River Basin—Middle Fork Salmon River	Little Beaver Creek	ID	(StreamNet 2009, pg. 14)	Rationale provided in Salmon River Basin CHU justification text	1154913 444095

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Fork Salmon River	Unnamed to Bearskin Creek	ID	(Kellet 2008)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Middle Fork Salmon River	Airplane Lake	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1145987 451562
Salmon River Basin—Middle Fork Salmon River	Alpine Creek Lake #5	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1146168 450775
Salmon River Basin—Middle Fork Salmon River	Big Creek Marsh	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1153329 450912
Salmon River Basin—Middle Fork Salmon River	Ship Island Lake #1	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1146254 451661
Salmon River Basin—Middle Fork Salmon River	Shoban Lake	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1146024 451529

27.5. Middle Salmon–Panther River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it contains many individuals, a large amount of habitat, and moderate threat level. This CHSU has fluvial life history forms that are important in the long-term recovery of the species. This CHSU provides a migratory corridor between multiple CHSUs, which promotes the expression of the migratory life history expression within the Salmon River basin (see Appendix 1 for more detailed information).

Located within Lemhi County in east-central Idaho, immediately west of the town of Salmon, Idaho, designated critical habitat includes 990.7 km (615.6 mi) of streams.

The following water bodies are included in this CHSU (see Table 75):

(A) The Salmon River from its confluence with Chamberlain Creek upstream 206.8 km (128.5 mi) to approximately its confluence with the Pahsimeroi River contains FMO habitat.

(B) Devils Toe Creek from its confluence with the Salmon River upstream 4.4 km (2.8 mi) to its headwaters contains FMO habitat.

(C) Disappointment Creek from its confluence with the Salmon River upstream 16.6 km (10.3 mi) to its headwaters; Hungry Creek from its confluence with Disappointment Creek upstream 6.2 km (3.8 mi) to its headwaters; Starvation Creek from its confluence with Disappointment Creek upstream 6.0 km (3.7 mi) to its headwaters; and Dismal Creek from its confluence with Starvation Creek upstream 5.6 km (3.5 mi) to its headwaters contain FMO habitat.

(D) Horse Creek from its confluence with the Salmon River upstream 40.9 km (25.4 mi) to its headwaters provides spawning and rearing habitat; Little Horse Creek from its confluence with Horse Creek upstream 14.5 km (9.0 mi) to its headwaters contains FMO habitat; and Cayuse Creek from its confluence with Horse Creek upstream 4.7 km (2.9 mi) and Woods Fork Horse Creek (also known as Woods Creek) from its confluence with Horse Creek upstream 3.9 km (2.4 mi) to its headwaters provide spawning and rearing habitat.

(E) Corn Creek from its confluence with the Salmon River upstream 11.3 km (7.0 mi) to its headwaters and Colson Creek from its confluence with the Salmon River upstream 9.7 km (6.0 mi) to its headwaters contain FMO habitat.

(F) Owl Creek from its confluence with the Salmon River upstream 23.1 km (14.3 mi) to its headwaters provides spawning and rearing habitat and East Fork Owl Creek from its confluence with Owl Creek upstream 0.8 km (0.5 mi) contains FMO habitat.

(G) Panther Creek from its confluence with the Salmon River upstream 47.1 km (29.3 mi) to its confluence with Moyer Creek contains FMO habitat and Panther Creek from its confluence with Moyer Creek upstream 25.9 km (16.1 mi) to its headwaters; Clear Creek from its confluence with Panther Creek upstream 27.7 km (17.2 mi) to its headwaters; Beaver Creek from its confluence with Panther Creek upstream 15.5 km (9.7 mi) to its headwaters; and Trail Creek from its confluence with Panther Creek upstream 8.8 km (5.5 mi) to its headwaters provide spawning and rearing habitat.

(H) Napias Creek from its confluence with Panther Creek upstream 3.0 km (1.9 mi) contains FMO habitat and Napias Creek from 3.0 km (1.9 mi) upstream from its mouth upstream 20.5 km (12.7 mi) to its headwaters; Moccasin Creek from its confluence with Napias Creek upstream

10.9 km (6.8 mi) to its headwaters; Phelan Creek from the confluence of Napias Creek upstream 11.5 km (7.1 mi) to its headwaters; Pony Creek from the confluence of Napias Creek upstream 7.4 km (4.6 mi) to its headwaters; Arnett Creek from the confluence of Napias Creek upstream 12.5 km (7.8 mi) to its headwaters; Rapps Creek from the confluence of Arnett Creek upstream 8.3 km (5.1 mi) to its headwaters; Jefferson Creek from the confluence of Arnett Creek upstream 3.4 km (2.1 mi) to its headwaters; and Camp Creek from the confluence of Arnett Creek upstream 8.0 km (5.0 mi) to its headwaters provide spawning and rearing habitat and Sharkey Creek from the confluence of Napias Creek upstream 5.9 km (3.7 mi) to its headwaters contains FMO habitat.

(I) Deep Creek from its confluence with Panther Creek upstream 19.5 km (12.1 mi) to its headwaters; Little Deep Creek from its confluence with Deep Creek upstream 13.6 km (8.4 mi) to its headwaters; and an unnamed creek (tributary to Deep Creek) from its confluence with Deep Creek upstream 3.2 km (2.0 mi) to its headwaters provide spawning and rearing habitat.

(J) Woodtick Creek from its confluence with Panther Creek upstream 14.1 km (8.8 mi) to its headwaters provides spawning and rearing habitat.

(K) Moyer Creek from its confluence with Panther Creek upstream 19.7 km (12.3 mi) to its headwaters; Salt Creek from its confluence with Moyer Creek upstream 6.5 km (4.0 mi) to its headwaters; and South Fork Moyer Creek from its confluence with Moyer Creek upstream 12.2 km (7.6 mi) to its headwaters provide spawning and rearing habitat.

(L) Musgrove Creek from its confluence with Panther Creek upstream 17.6 km (10.9 mi) to its headwaters provides spawning and rearing habitat.

(M) Porphyry Creek from its confluence with Panther Creek upstream 11.5 km (7.2 mi) to its headwaters provides spawning and rearing habitat.

(N) Fourth of July Creek from its confluence with Panther Creek upstream 6.7 km (4.1 mi) to its headwaters provides spawning and rearing habitat.

(O) Opal Creek from its confluence with Panther Creek upstream 3.4 km (2.1 mi) to the outlet of Opal Lake provides spawning and rearing habitat.

(P) Weasel Creek from its confluence with Panther Creek upstream 2.8 km (1.8 mi) to its headwaters provides spawning and rearing habitat.

(Q) Mink Creek from its confluence with Panther Creek upstream 4.1 km (2.5 mi) to its headwaters provides spawning and rearing habitat.

(R) Otter Creek from its confluence with Panther Creek upstream 5.7 km (3.5 mi) to its headwaters provides spawning and rearing habitat.

(S) Pine Creek from its confluence with the Salmon River upstream 16.1 km (10.0 mi) to its headwaters provides spawning and rearing habitat.

(T) Squaw Creek from its confluence with the Salmon River upstream 15.0 km (9.3 mi) to its headwaters provides spawning and rearing habitat.

(U) Indian Creek from its confluence with the Salmon River upstream 18.8 km (11.7 mi) to its headwaters; West Fork Indian Creek from the confluence of Indian Creek upstream 5.6 km (3.5 mi) to its headwaters; Corral Creek from the confluence of Indian Creek upstream 7.6 km

(4.7 mi) to its headwaters; and McConn Creek from the confluence of Indian Creek upstream 9.2 km (5.7 mi) to its headwaters provide spawning and rearing habitat.

(V) Moose Creek from the confluence of the Salmon River upstream 23.5 km (14.6 mi) to its headwaters contains FMO habitat.

(W) North Fork Salmon River from its confluence with the Salmon River upstream 8.5 km (5.3 mi) to the confluence of Hughes Creek contains FMO habitat; North Fork Salmon River from its confluence with Hughes Creek upstream 30.8 km (19.1 mi) to its headwaters provides spawning and rearing habitat; and Hull Creek from the confluence of North Fork Salmon River upstream 8.9 km (5.5 mi) to its headwaters contains FMO habitat and Hughes Creek from the confluence of North Fork Salmon River upstream 18.2 km (11.3 mi) to its headwaters; Sheep Creek from the confluence of North Fork Salmon River upstream 10.9 km (6.8 mi) to the confluence of North Fork Sheep Creek and South Fork Sheep Creek; South Fork Sheep Creek from its confluence with Sheep Creek upstream 5.2 km (3.2 mi) to its headwaters; North Fork Sheep Creek from its confluence with Sheep Creek upstream 9.2 km (5.7 mi) to its headwaters; Dahlonga Creek from the confluence of North Fork Salmon River upstream 12.6 km (7.9 mi) to its headwaters; Twin Creek from the confluence of North Fork Salmon River upstream 11.9 km (7.4 mi) to its headwaters; Vine Creek from the confluence of North Fork Salmon River upstream 4.4 km (2.8 mi) to its headwaters; Pierce Creek from the confluence of North Fork Salmon River upstream 6.7 km (4.2 mi) to its headwaters; West Fork North Fork Salmon River from the confluence of North Fork Salmon River upstream 3.1 km (1.9 mi); and Moose Creek from the confluence of the North Fork Salmon River upstream 5.0 km (3.1 mi) to its headwaters provide spawning and rearing habitat.

(X) Fourth of July Creek from its confluence with the Salmon River upstream 2.7 km (1.7 mi) to the confluence of Little Fourth of July Creek contains FMO habitat and Fourth of July Creek from its confluence with Little Fourth of July Creek upstream 15.2 km (9.5 mi) to its headwaters provides spawning and rearing habitat.

(Y) Ditch Creek from its confluence with Hughes Creek upstream 11.9 km (7.4 mi) to its headwaters is FMO habitat.

(Z) Garden Creek from its confluence with Panther Creek upstream 13.7 km (8.5 mi)) to its headwaters is spawning and rearing habitat.

(AA) Pruvan Creek from its confluence with North Fork Sheep Creek upstream 4.6 km (2.8 mi) to its headwaters is spawning and rearing habitat.

Table 75. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Middle Salmon River–Panther CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Middle Salmon River–Panther	South Fork Sheep Creek	ID	(IDFG in litt. 2002 from R7 stream DB, pg. 323; USFS 1999a, pg. 52)	Rationale provided in Salmon River Basin CHU justification text	1138359 454819
Salmon River Basin–Middle Salmon River–Panther	North Fork Sheep Creek	ID	(USFS 1999a pg. 52; IDFG in litt. 2002 from R7 stream DB; USFS in litt. 2002b)	Rationale provided in Salmon River Basin CHU justification text	1138359 454820
Salmon River Basin–Middle Salmon River–Panther	Unnamed	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1138992 451774
Salmon River Basin–Middle Salmon River–Panther	Dahlonge Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139285 455411
Salmon River Basin–Middle Salmon River–Panther	Fourth of July Creek	ID	(IDFG in litt. 2002 Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139433 453641.1
Salmon River Basin–Middle Salmon River–Panther	Fourth of July Creek	ID	(IDFG in litt. 2002; Service in litt. 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139433 453641.2
Salmon River Basin–Middle Salmon River–Panther	Sheep Creek	ID	(USFS 1999a, pg. 52; IDFG in litt. 2002	Rationale provided in Salmon River Basin CHU justification text	1139535 455036
Salmon River Basin–Middle Salmon River–Panther	Pierce Creek	ID	(IDFG in litt. 2002; Service in litt. 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139630 456209

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Twin Creek	ID	(IDFG in litt. 2002 from R7 streamDB; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139642 456083
Salmon River Basin—Middle Salmon River—Panther	Vine Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139661 456110
Salmon River Basin—Middle Salmon River—Panther	Lake Creek	ID	(StreamNet 2009, pg. 32)	Rationale provided in Salmon River Basin CHU justification text	1139670 450121
Salmon River Basin—Middle Salmon River—Panther	West Fork North Fork Salmon River	ID	(IDFG in litt. 2002 from R7 streamDB; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139697 456541
Salmon River Basin—Middle Salmon River—Panther	Moose Creek	ID	(IDFG in litt 2002 from R7 stream DB; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139697 456542
Salmon River Basin—Middle Salmon River—Panther	Hughes Creek	ID	(IDFG in litt.2002 from R7 streamDB; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1139884 454758
Salmon River Basin—Middle Salmon River—Panther	Hull Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1139927 454676
Salmon River Basin—Middle Salmon River—Panther	North Fork Salmon River	ID	(Service in litt 2002b; USFS 1998b; IDFG/GPM in litt. 2002; IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1139935 454047.1
Salmon River Basin—Middle Salmon River—Panther	North Fork Salmon River	ID	(IDFG/GPM in litt. 2002; IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1139935 454047.2

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Dump Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1140632 453828
Salmon River Basin—Middle Salmon River—Panther	Moose Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1140865 453746.1
Salmon River Basin—Middle Salmon River—Panther	Moose Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1140865 453746.2
Salmon River Basin—Middle Salmon River—Panther	Sharkey Creek	ID	(StreamNet 2009, pg. 33)	Rationale provided in Salmon River Basin CHU justification text	1141076 452222
Salmon River Basin—Middle Salmon River—Panther	Camp Creek	ID	(StreamNet 2009, pg. 32)	Rationale provided in Salmon River Basin CHU justification text	1141145 452221
Salmon River Basin—Middle Salmon River—Panther	Jefferson Creek	ID	(StreamNet 2009, pg. 33)	Rationale provided in Salmon River Basin CHU justification text	1141190 452205
Salmon River Basin—Middle Salmon River—Panther	Unnamed Tributary of Deep Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141209 450644
Salmon River Basin—Middle Salmon River—Panther	Arnett Creek	ID	(USRITAT 1998, pg. 126; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141330 452052
Salmon River Basin—Middle Salmon River—Panther	Pony Creek	ID	(StreamNet 2009, pg. 33)	Rationale provided in Salmon River Basin CHU justification text	1141371 451937

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	West Fork Indian Creek	ID	(IDFG in litt. 2002; Service in litt. 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141380 454755
Salmon River Basin—Middle Salmon River—Panther	Corral Creek	ID	(Service in litt. 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141462 454983
Salmon River Basin—Middle Salmon River—Panther	McConn Creek	ID	(IDFG in litt 2002; Service in litt. 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141530 455042
Salmon River Basin—Middle Salmon River—Panther	Phelan Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141599 451673
Salmon River Basin—Middle Salmon River—Panther	Rapps Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141629 452126
Salmon River Basin—Middle Salmon River—Panther	Indian Creek	ID	(IDFG in litt. 2002; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141678 453998
Salmon River Basin—Middle Salmon River—Panther	Squaw Creek	ID	(IDFG in litt. 2002; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141681 453988
Salmon River Basin—Middle Salmon River—Panther	Moccasin Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1141713 451528
Salmon River Basin—Middle Salmon River—Panther	Little Deep Creek	ID	(Service in litt 2002b; IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1141787 451085

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Deep Creek	ID	(Service in litt 2002b; IDFG in litt. 2002.)	Rationale provided in Salmon River Basin CHU justification text	1142147 451258
Salmon River Basin—Middle Salmon River—Panther	Napias Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1142167 451371.1
Salmon River Basin—Middle Salmon River—Panther	Napias Creek	ID	(Service in litt 2002b; Roberts in litt. 2000; Roberts in litt. 2001)	Rationale provided in Salmon River Basin CHU justification text	1142167 451371.2
Salmon River Basin—Middle Salmon River—Panther	Woodtick Creek	ID	(Service in litt 2002b; IDFG/GPM 2002; IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1142825 450463
Salmon River Basin—Middle Salmon River—Panther	Otter Creek	ID	(IDFG in litt. 2002; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1142900 448605
Salmon River Basin—Middle Salmon River—Panther	South Fork Moyer Creek	ID	(StreamNet 2009, pg. 31)	Rationale provided in Salmon River Basin CHU justification text	1142929 449580
Salmon River Basin—Middle Salmon River—Panther	Salt Creek	ID	(StreamNet 2009, pg. 31)	Rationale provided in Salmon River Basin CHU justification text	1142956 449840
Salmon River Basin—Middle Salmon River—Panther	Mink Creek	ID	(StreamNet 2009, pg. 31)	Rationale provided in Salmon River Basin CHU justification text	1142972 448652
Salmon River Basin—Middle Salmon River—Panther	Pine Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1142995 453638

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Weasel Creek	ID	(IDFG in litt. 2002; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1143053 448870
Salmon River Basin—Middle Salmon River—Panther	Moyer Creek	ID	(StreamNet 2009, pg. 30)	Rationale provided in Salmon River Basin CHU justification text	1143113 450242
Salmon River Basin—Middle Salmon River—Panther	Musgrove Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1143126 450219
Salmon River Basin—Middle Salmon River—Panther	Opal Creek	ID	(StreamNet 2009, pg. 30, 31)	Rationale provided in Salmon River Basin CHU justification text	1143141 448963
Salmon River Basin—Middle Salmon River—Panther	Trail Creek	ID	(IDFG in litt. 2002)	Rationale provided in Salmon River Basin CHU justification text	1143187 452501
Salmon River Basin—Middle Salmon River—Panther	Porphyry Creek	ID	(IDFG in litt. 2002; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1143330 450036
Salmon River Basin—Middle Salmon River—Panther	Beaver Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1143339 452741
Salmon River Basin—Middle Salmon River—Panther	Fourth of July Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1143465 449857.1
Salmon River Basin—Middle Salmon River—Panther	Fourth Of July Creek	ID	(StreamNet 2009, pg. 32)	Rationale provided in Salmon River Basin CHU justification text	1143465 449857.2

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CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Clear Creek	ID	(IDFG in litt. 2002; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1143507 452953
Salmon River Basin—Middle Salmon River—Panther	Panther Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1144047 453157.1
Salmon River Basin—Middle Salmon River—Panther	Panther Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1144047 453157.2
Salmon River Basin—Middle Salmon River—Panther	Owl Creek	ID	(Service in litt 2002b; IDFG in litt. 2002 from FIS_REF; IDOSC 2010)	Rationale provided in Salmon River Basin CHU justification text	1144478 453177
Salmon River Basin—Middle Salmon River—Panther	Woods Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1144589 455055
Salmon River Basin—Middle Salmon River—Panther	East Fork Owl Creek	ID	(StreamNet 2009, pg. 31)	Rationale provided in Salmon River Basin CHU justification text	1144622 453397
Salmon River Basin—Middle Salmon River—Panther	Colson Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1145308 453000
Salmon River Basin—Middle Salmon River—Panther	Cayuse Creek	ID	(Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1145677 454741
Salmon River Basin—Middle Salmon River—Panther	Little Horse Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1145840 454398

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Corn Creek	ID	(StreamNet 1998)	Rationale provided in Salmon River Basin CHU justification text	1146849 453680
Salmon River Basin—Middle Salmon River—Panther	Horse Creek	ID	(IDFG in litt. 2002 from R7streamDB; Service in litt 2002b)	Rationale provided in Salmon River Basin CHU justification text	1147320 453953
Salmon River Basin—Middle Salmon River—Panther	Disappointment Creek	ID	(StreamNet 2009, pg. 25)	Rationale provided in Salmon River Basin CHU justification text	1148788 454220
Salmon River Basin—Middle Salmon River—Panther	Devils Toe Creek	ID	(StreamNet 2009, pg. 26)	Rationale provided in Salmon River Basin CHU justification text	1148925 454358
Salmon River Basin—Middle Salmon River—Panther	Hungry Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1149148 453918
Salmon River Basin—Middle Salmon River—Panther	Starvation Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1149322 453583
Salmon River Basin—Middle Salmon River—Panther	Dismal Creek	ID	(StreamNet 2009, pg. 22)	Rationale provided in Salmon River Basin CHU justification text	1149493 453506
Salmon River Basin—Middle Salmon River—Panther	Salmon River	ID	(USFS 1999a, pg. 2-6, 2-7; BLM 2000b pg. VI-7, I-1; Elle et al. 1994, pg. 60; Schill et al. 1994, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1167926 458560
Salmon River Basin—Middle Salmon River—Panther	Unnamed-Needed bypass channel	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA

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CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Middle Salmon River—Panther	Lake Creek	ID	(T. Curet pers. comm. 2002)	Rationale provided in Salmon River Basin CHU justification text	1139670450121
Salmon River Basin—Middle Salmon River—Panther	Pruvan Creek	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1.1382E+12
Salmon River Basin—Middle Salmon River—Panther	Garden Creek	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1.14403E+12
Salmon River Basin—Middle Salmon River—Panther	Ditch Creek	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1152969457466

27.6. Lake Creek Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it provides a rare adfluvial life history form in the Upper Snake RU. This CHSU occurs within Lake Creek, which is isolated from other CHSUs and CHUs. This CHSU contains a moderate number of individuals that are exposed to a moderate threat level (see Appendix 1 for more detailed information).

Located within Lemhi County, Idaho, approximately 19 km (12 mi) south of Salmon, Idaho, designated critical habitat includes 13.0 km (8.0 mi) of stream and 72.0 ha (177.9 ac) of lake surface area.

The following water bodies are included in this CHSU (see Table 76):

(A) Williams Lake (72.0 ha, (177.9 ac)) contains FMO habitat and Lake Creek from the inlet to Williams Lake upstream 8.7 km (5.4 mi) to its headwaters provides spawning and rearing habitat.

(B) North Fork Lake Creek from its confluence with Lake Creek upstream 4.3 km (2.7 mi) to its headwaters provides spawning and rearing habitat.

Table 76. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Lake Creek CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Lake Creek	Unnamed-North Fork Lake Creek	ID	(T. Curet IDFG pers. comm. 2002)	Rationale provided in Salmon River Basin CHU justification text	1140162 450091
Salmon River Basin–Lake Creek	Williams Lake	ID	(T. Curet pers. comm., 2002)	Rationale provided in Salmon River Basin CHU justification text	1139762 450161

27.7. Opal Lake Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it provides a rare adfluvial life history expression in the Upper Snake RU. This CHSU occurs within Opal Lake, which is isolated from other bull trout populations, and contains a moderate number of individuals that are exposed to a moderate threat level (see Appendix 1 for more detailed information).

Located within Lemhi County, Idaho, approximately 19 km (12 mi) south of Salmon, Idaho, designated critical habitat includes 13.0 km (8.0 mi) of stream and 72.0 ha (177.9 ac) of lake surface area.

The following water bodies are included in this CHSU (see Table 77):

(A) Opal Lake (6.0 ha, (14.8 ac)) contains FMO habitat and Opal Creek from the inlet of Opal Lake upstream 3.5 km (2.2 mi) to its headwaters provides spawning and rearing habitat.

Table 77. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Opal Lake CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Opal Lake	Opal Creek	ID	(StreamNet 2009, pg. 30, 31)	Rationale provided in Salmon River Basin CHU justification text	1143141 448963
Salmon River Basin–Opal Lake	Opal Lake	ID	(Roberts in litt. 2000)	Rationale provided in Salmon River Basin CHU justification text	1142814 448991

27.8. Lemhi River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it has many individuals, a large amount of habitat, and few threats. This CHSU also occurs in the easternmost extent of the RU. This CHSU has fluvial life history forms that are important to the long-term recovery of the species (see Appendix 1 for more detailed information).

Located within Lemhi County immediately southeast of Salmon, Idaho, designated critical habitat includes 413.8 km (234.3 mi) of streams.

The following water bodies are included in this CHSU (see Table 78):

(A) Lemhi River from its confluence with the Salmon River up upstream 91.9 km (57.1 mi) to the confluence of Texas Creek and Eighteenmile Creek contains FMO habitat.

(B) Bohannon Creek from its confluence with the Lemhi River upstream 16.3 km (10.1 mi) to its headwaters provides spawning and rearing habitat.

(C) Kenney Creek from the historical confluence with the Lemhi River upstream 16.0 km (9.9 mi) to its headwaters provides spawning and rearing habitat.

(D) Wimpey Creek from its confluence with the Lemhi River upstream 13.9 km (8.7 mi) to its headwaters provides FMO habitat.

(E) Hayden Creek from its confluence with the Lemhi River upstream 31.7 km (19.7 mi) to its headwaters; Bear Valley Creek from its confluence with Hayden Creek upstream 14.4 km (8.9 mi) to Bear Valley Lake number 1; Kadletz Creek from its confluence with Bear Valley Creek upstream 8.0 km (4.9 mi) to its headwaters; Wright Creek from its confluence with Bear Valley Creek upstream 8.4 km (5.2 mi) to its headwaters; Short Creek from its confluence with Bear Valley Creek upstream 2.9 km (1.8 mi) to its headwaters; Deer Creek from its confluence with Bear Valley Creek upstream 3.4 km (2.1 mi) to its headwaters; East Fork Hayden Creek from its confluence with Hayden Creek upstream 13.8 km (8.6 mi) to its headwaters; Cooper Creek from its confluence with Hayden Creek upstream 6.7 km (4.1 mi) to its headwaters; West Fork Hayden Creek from the confluence of Hayden Creek upstream 6.1 km (3.8 mi) to its headwaters; and Bray Creek from its historical confluence with Hayden Creek upstream 5.2 km (3.2 mi) to its headwaters provide spawning and rearing habitat.

(F) Mill Creek from the point where it is diverted upstream irrigation (does not appear to connect to the Lemhi River) upstream 17.9 km (11.1 mi) to an outlet of a lake provides spawning and rearing habitat.

(G) Big Eightmile Creek from its confluence with the Lemhi River upstream 25.1 km (15.6 mi) to its headwaters and Dairy Creek from its confluence with Big Eightmile Creek upstream 4.1 km (2.5 mi) to its headwaters provide spawning and rearing habitat.

(H) Lee Creek from its confluence with Big Springs Creek upstream 15.6 km (9.7 mi) to its headwaters provides FMO habitat. Big Springs Creek from its confluence with Big Eighteenmile Creek upstream 2.1 km (1.3 mi) to its confluence with Lee Creek provides FMO habitat.

(I) Little Eightmile Creek from its confluence with the Lemhi River upstream 14.1 km (8.7 mi) to its headwaters provides spawning and rearing habitat.

(J) Big Timber Creek from its confluence with the Lemhi River upstream 34.0 km (21.1 mi) to its headwaters; Little Timber Creek from its confluence with Big Timber Creek upstream 6.7 km (4.2 mi) to the confluence of the North Fork Little Timber Creek and Middle Fork Little Timber Creek; North Fork Little Timber Creek from its confluence with Little Timber Creek upstream 6.2 km (3.9 mi) provides FMO habitat; and Rocky Creek from its confluence with Big Timber Creek upstream 6.4 km (3.9 mi) to its headwaters provides spawning and rearing habitat.

Table 78. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Lemhi River CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Lemhi River	Big Timber Creek	ID	(S. Feldhausen 2002, pers. com.; USRITAT 1998, pg. 91; BLM and USFS 1998, pg. 43; StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1133687 446894
Salmon River Basin–Lemhi River	Little Timber Creek	ID	(S. Feldhausen 2002, pers. com.; USRITAT 1998, pg. 91; BLM and USFS 1998, pg. 43; StreamNet 2009, pg. 33)	Rationale provided in Salmon River Basin CHU justification text	1133835 446417
Salmon River Basin–Lemhi River	Big Eightmile Creek	ID	(S. Feldhausen 2002, pers. com.; BLM and USFS 1998, pg. 36, StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1134595 447394
Salmon River Basin–Lemhi River	Little Eightmile Creek	ID	(StreamNet 2009, pg. 34, S. Feldhausen 2002, pers. com.; USRITAT 1998, pg. 97; StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1134595 447395
Salmon River Basin–Lemhi River	Big Springs Creek	ID	(S. Feldhausen 2002, pers. com.)	Rationale provided in Salmon River Basin CHU justification text	1135009 447581
Salmon River Basin–Lemhi River	Mill Creek	ID	(BLM and USFS 1998, pg. 149; USRITAT 1998, pg. 98; StreamNet 2009, pg. 33)	Rationale provided in Salmon River Basin CHU justification text	1135181 447665
Salmon River Basin–Lemhi River	Dairy Creek	ID	(BLM and USFS 1998, pg. 34; S. Feldhausen 2002, pers. com.; StreamNet 2009, pg. 33)	Rationale provided in Salmon River Basin CHU justification text	1135517 446366
Salmon River Basin–Lemhi River	Hayden Creek	ID	(S. Feldhausen 2002, pers. com.; StreamNet 2009, pg. 35; BLM and USFS 1998, pg. 97; USRITAT 1998, pg. 95)	Rationale provided in Salmon River Basin CHU justification text	1136256 448699
Salmon River Basin–Lemhi River	Kenney Creek	ID	(BLM 1998b, pg. 394; USRITAT 1998, pg. 96; BLM and USFS 1998, pg. 119 and 122; S. Feldhausen 2002, pers.; StreamNet 2009, pg. 35)	Rationale provided in Salmon River Basin CHU justification text	1136595 450326
Salmon River Basin–Lemhi River	Bear Valley Creek	ID	(USRITAT 1998, pg. 95; StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1137073 447721

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Lemhi River	East Fork Hayden Creek	ID	(StreamNet 2009, pg. 34; BLM and USFS 1998, pg. 97)	Rationale provided in Salmon River Basin CHU justification text	1137115 447602
Salmon River Basin—Lemhi River	Cooper Creek	ID	(StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1137254 447260
Salmon River Basin—Lemhi River	Kadletz Creek	ID	(StreamNet 2009, pg. 34; BLM and USFS 1998, pg. 97; S. Feldenhausen, 2002, pers. com.)	Rationale provided in Salmon River Basin CHU justification text	1137416 447745
Salmon River Basin—Lemhi River	Bohannon Creek	ID	(StreamNet 2009, pg. 34; S. Feldhausen 2002, pers. com.)	Rationale provided in Salmon River Basin CHU justification text	1137463 451118
Salmon River Basin—Lemhi River	Wright Creek	ID	(StreamNet 2009, pg. 34; BLM and USFS 1998, pg. 97; S. Feldenhausen, 2002, pers. com.)	Rationale provided in Salmon River Basin CHU justification text	1137538 447835
Salmon River Basin—Lemhi River	West Fork Hayden Cr	ID	(StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1137562 447051.1
Salmon River Basin—Lemhi River	West Fork Hayden Creek	ID	(StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1137562 447051.2
Salmon River Basin—Lemhi River	Short Creek	ID	(StreamNet 2009, pg. 34; S. Feldhausen 2002, pers. com.)	Rationale provided in Salmon River Basin CHU justification text	1137673 447877
Salmon River Basin—Lemhi River	Bray Creek	ID	(StreamNet 2009, pg. 34)	Rationale provided in Salmon River Basin CHU justification text	1137682 447061
Salmon River Basin—Lemhi River	Deer Creek	ID	(StreamNet 2009, pg. 36; S. Feldhausen 2002, pers. com.)	Rationale provided in Salmon River Basin CHU justification text	1137775 447928

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Salmon River Basin—Lemhi River	Lemhi River	ID	(Servheen 2001, pg. 68; StreamNet 2009, pg. 32; T. Curet and D. Garren, pers. comm. 2010)	Rationale provided in Salmon River Basin CHU justification text	1138891 451879
Salmon River Basin—Lemhi River	Unnamed - digitized	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Lemhi River	Wimpey	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1137203 450979
Salmon River Basin—Lemhi River	North Fork Little Timber Creek	ID	BLM and USFS 1998, pg. 43	Rationale provided in Salmon River Basin CHU justification text	1134448 446055
Salmon River Basin—Lemhi River	Rocky Creek	ID	T. Curet and D. Garren, pers. Comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1134327 445210
Salmon River Basin—Lemhi River	Lee Creek	ID	T. Curet and D. Garren, pers. Comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1134808 447400

27.9. Pahsimeroi River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it has many individuals, a moderate amount of habitat, and a moderate threat level. This CHSU occurs in the easternmost extent of the CHU that is still hydrologically connected to other CHSUs. The resident populations in this CHSU may also contain unique genes that promote persistence from specific threats (see Appendix 1 for more detailed information).

Located within Custer and Lemhi Counties 27 km (17 mi) east of the town of Challis, in east-central Idaho, designated critical habitat includes 328.3 km (204.0 mi) of streams.

The following water bodies are included in this CHSU (see Table 79):

(A) Pahsimeroi River from its confluence with the Salmon River upstream 85.6 km (53.2 mi) to its confluence with West Fork Pahsimeroi River

(B) Morgan Creek from its confluence with an unnamed segment connecting Morgan Creek to the Pahsimeroi River upstream 8.7 km (5.4 mi) to its confluence with North Fork Morgan Creek; North Fork Morgan Creek from its confluence with Morgan Creek upstream 9.8 km (6.1 mi) to its headwaters; and East Fork Morgan Creek from its confluence with Morgan Creek upstream 6.8 km (4.2 mi) to its headwaters provide spawning and rearing habitat

(C) Tater Creek from its confluence with an unnamed segment (canal) upstream 8.5 km (5.3 mi) to its headwaters provides spawning and rearing habitat.

(D) Patterson Creek from its confluence with the Pahsimeroi River upstream 43.1 km (26.8 mi) to its headwaters provides spawning and rearing habitat; and Inyo Creek from its confluence with Patterson Creek upstream 5.2 km (3.2 mi) to its headwaters provides spawning and rearing habitat.

(E) Falls Creek from its confluence with an unnamed segment (canal) upstream 22.5 km (14.0 mi) to its headwaters provides spawning and rearing habitat.

(F) Morse Creek from its confluence with an unnamed segment (canal) upstream 18.7 km (11.6 mi) to its headwaters provides spawning and rearing habitat.

(G) Big Creek from its confluence with the Pahsimeroi River upstream 19.9 km (12.4 mi) to the confluence of North Fork Big Creek and South Fork Big Creek; South Fork Big Creek from its confluence with North Fork Big Creek upstream 14.2 km (8.8 mi) to its headwaters; and North Fork Big Creek from its confluence with South Fork Big Creek upstream 13.4 km (8.3 mi) to its headwaters provide spawning and rearing habitat. Mill Creek from its confluence with Big Creek upstream 7.7 km (4.8 mi) to its headwaters provides FMO habitat.

(H) Burnt Creek from its confluence with the Pahsimeroi River 17.2 km (10.7 mi) to the confluence of East Fork Burnt Creek provides spawning and rearing habitat.

(I) Mahogany Creek from its confluence with the Pahsimeroi River upstream 9.1 km (5.7 mi) to its headwaters provides spawning and rearing habitat.

(J) West Fork Pahsimeroi River from its confluence with the Pahsimeroi River and East Fork Pahsimeroi River upstream 9.1 km (5.6 mi) to its headwaters provides spawning and rearing habitat.

(K) East Fork Pahsimeroi River from its confluence with the Pahsimeroi River and West Fork Pahsimeroi River upstream 10.8 km (6.7 mi) to its headwaters provides spawning and rearing habitat.

Table 79. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Pahsimeroi River CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Pahsimeroi River	North Fork Big Creek	ID	(StreamNet 2009, pg. 35; BLM and USFS 2001a,b, pg. 117)	Rationale provided in Salmon River Basin CHU justification text	1136000 444417
Salmon River Basin–Pahsimeroi River	South Fork Big Creek	ID	(StreamNet 2009, pg. 35; BLM and USFS 2001a,b, pg. 117)	Rationale provided in Salmon River Basin CHU justification text	1136000 444418
Salmon River Basin–Pahsimeroi River	Burnt Creek	ID	(StreamNet 2009, pg. 35; BLM and USFS 2001a,b, pg. 119, 127)	Rationale provided in Salmon River Basin CHU justification text	1136524 442841
Salmon River Basin–Pahsimeroi River	Inyo Creek	ID	(StreamNet 2009, pg. 35; Servheen 2001, pg. 46)	Rationale provided in Salmon River Basin CHU justification text	1136830 445350
Salmon River Basin–Pahsimeroi River	Mahogany Creek	ID	(StreamNet 2009, pg. 35; Servheen 2001, pg. 46; BLM and USFS 2001a,b, pg. 119)	Rationale provided in Salmon River Basin CHU justification text	1137009 442080
Salmon River Basin–Pahsimeroi River	East Fork Pahsimeroi River	ID	(StreamNet 2009, pg. 34; BLM and USFS 2001a,b, pg. 120)	Rationale provided in Salmon River Basin CHU justification text	1137034 441567
Salmon River Basin–Pahsimeroi River	West Fork Pahsimeroi River	ID	(StreamNet 2009, pg. 34; BLM and USFS 2001a,b, pg. 120)	Rationale provided in Salmon River Basin CHU justification text	1137034 441568
Salmon River Basin–Pahsimeroi River	Big Creek	ID	(StreamNet 2009, pg. 1; BLM and USFS 2001a,b, pg. 13; Servheen 2001, pg. 46; BLM and USFS 2001a,b, pg. 117)	Rationale provided in Salmon River Basin CHU justification text	1138183 444954
Salmon River Basin–Pahsimeroi River	Falls Creek	ID	(StreamNet 2009, pg. 33; BLM and USFS 2001a,b, pg. 13; BLM and USFS 2001a,b, pg. 116)	Rationale provided in Salmon River Basin CHU justification text	1138782 445655
Salmon River Basin–Pahsimeroi River	Morse Creek	ID	(StreamNet 2009, pg. 32; BLM and USFS 2001a,b, pg. 13)	Rationale provided in Salmon River Basin CHU justification text	1138850 445688
Salmon River Basin–Pahsimeroi River	East Fork Morgan Creek	ID	(StreamNet 2009, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1138993 446748

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Pahsimeroi River	North Fork Morgan Creek	ID	(StreamNet 2009, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1138993 446749
Salmon River Basin—Pahsimeroi River	Tater Creek	ID	(BLM and USFS 2001a,b, pg. 13; StreamNet 2009, pg. 1)	Rationale provided in Salmon River Basin CHU justification text	1139021 446325
Salmon River Basin—Pahsimeroi River	Morgan Creek	ID	(Servheen 2001, pg. 46; StreamNet 2009, pg. 32)	Rationale provided in Salmon River Basin CHU justification text	1139634 446184
Salmon River Basin—Pahsimeroi River	Patterson Creek	ID	(BLM and USFS 2001a,b, pg. 130; StreamNet 2009, pg. 32; Servheen 2001, pg. 46)	Rationale provided in Salmon River Basin CHU justification text	1139656 446137
Salmon River Basin—Pahsimeroi River	Pahsimeroi River	ID	(BLM and USFS 2001a,b, pg. 8, 12, 13, 15)	Rationale provided in Salmon River Basin CHU justification text	1140485 446923
Salmon River Basin—Pahsimeroi River	Unnamed	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Unnamed	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Unnamed	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Unnamed	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Unnamed	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Unnamed - digitized	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Unnamed - digitized	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA

Bull Trout Final Critical Habitat Justification

U. S. Fish and Wildlife Service

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Chapter 27

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Pahsimeroi River	Unnamed - digitized	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	NA
Salmon River Basin—Pahsimeroi River	Mill Creek (Tributary to Big Creek)	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1136844 444671

27.10. Upper Salmon River Critical Habitat Subunit

This CHSU is essential to bull trout conservation because it provides a rare adfluvial life history expression in the Upper Snake RU. It contains many individuals, a large amount of habitat, and few threats. This CHSU contains populations that contain fluvial life history expressions that are important in the long-term recovery of the species (see Appendix 1 for more detailed information).

Located within Custer County in east-central Idaho, including the towns of Challis, Idaho, and Stanley, Idaho, designated critical habitat includes 1,135.5 km (705.6 mi) of streams and 1,256.3 ha (3,104.2 ac) of lake surface area.

The following water bodies are included in this CHSU (see Table 80):

(A) The Salmon River from approximately its confluence with the Pahsimeroi River upstream 164.9 km (102.4 mi) to Alturas Lake Creek contains FMO habitat and the Salmon River from Alturas Lake Creek upstream 31.0 km (19.3 mi) to its headwaters provides spawning and rearing habitat.

(B) Morgan Creek from its confluence with the Salmon River upstream 10.8 km (6.7 mi) to West Fork Morgan Creek contains FMO habitat and Morgan Creek from its confluence with West Fork Morgan Creek upstream 20.9 km (13.0 mi) to its headwaters; West Fork Morgan Creek from its confluence with Morgan Creek upstream 14.1 km (8.8 mi) to its headwaters; Lick Creek from its confluence with Morgan Creek upstream 9.4 km (5.8 mi) to its headwaters; Van Horn Creek from its confluence with Morgan Creek upstream 9.6 km (6.0 mi) to its headwaters; Corral Creek from its confluence with Morgan Creek upstream 12.7 km (7.9 mi) to its headwaters; and an unnamed creek (entering Corral Creek from the east) from its confluence with Corral Creek upstream 5.4 km (3.4 mi) provide spawning and rearing habitat.

(C) Challis Creek from its confluence with the Salmon River upstream 14.3 km (8.9 mi) to its confluence with Pats Creek contains FMO habitat; Challis Creek from its confluence with Pats Creek upstream 6.8 km (4.2 mi) to its confluence with Lodgepole Creek provides spawning and rearing habitat; Mill Creek from its confluence with Challis Creek upstream 8.2 km (5.1 mi) contains FMO habitat and Mill Creek from 8.2 km (5.1 mi) upstream 15.7 km (9.7 mi) to its headwaters contains spawning and rearing; Bear Creek from its confluence with Challis Creek upstream 8.9 km (5.5 mi) to its headwaters; and Lodgepole Creek from its confluence with Challis Creek upstream 6.3 km (3.9 mi) to its headwaters provide spawning and rearing habitat.

(D) East Fork Salmon River from its confluence with the Salmon River upstream 34.0 km (21.1 mi) to its confluence with Little Boulder Creek contains FMO habitat; East Fork Salmon River from its confluence with Little Boulder Creek upstream 24.5 km (15.2 mi) to the confluence of West Fork East Fork Salmon River and South Fork East Fork Salmon River provides spawning and rearing habitat; Herd Creek from its confluence with East Fork Salmon River upstream 14.3 km (8.9 mi) to the confluence of East Fork Herd Creek and West Fork Herd Creek provides spawning and rearing habitat; East Pass Creek from its confluence with Herd Creek upstream 4.2 km (2.6 mi) to its confluence with an unnamed tributary entering East Pass Creek from the south provides spawning and rearing habitat; East Fork Herd Creek from its confluence with Herd Creek upstream 10.0 km (6.2 mi) to its headwaters provides spawning and rearing habitat; West Fork Herd Creek from its confluence with Herd Creek upstream 9.4 km (5.8 mi) to its headwaters provides spawning and rearing habitat;

Meridian Creek from its confluence with West Fork Herd Creek upstream 2.8 km (1.7 mi) to its confluence with an unnamed tributary entering from the south provides spawning and rearing habitat; Big Boulder Creek from its confluence with East Fork Salmon River upstream 11.8 km (7.4 mi) to its headwaters provides spawning and rearing habitat; Little Boulder Creek from its confluence with East Fork Salmon River upstream 10.1 km (6.3 mi) to an unnamed tributary provides spawning and rearing habitat; Germania Creek from its confluence with East Fork Salmon River upstream 23.4 km (14.5 mi) to its headwaters provides spawning and rearing habitat; Bowery Creek from its confluence with East Fork Salmon River upstream 8.0 km (4.9 mi) to its headwaters provides spawning and rearing habitat; Long Tom Creek from its confluence with Bowery Creek upstream 6.5 km (4.0 mi) to its headwaters provides spawning and rearing habitat; North Fork Bowery Creek from its confluence with Bowery Creek upstream 3.9 km (2.4 mi) to its headwaters contains FMO habitat; West Pass Creek from its confluence with East Fork Salmon River upstream 13.5 km (8.4 mi) to its headwaters contains FMO habitat; and Ibex Creek from its confluence with East Fork Salmon River upstream 6.1 km (3.8 mi) to its headwaters provides spawning and rearing habitat.

(E) West Fork East Fork Salmon River from its confluence with East Fork Salmon River upstream 8.6 km (5.4 mi) to its headwaters provides spawning and rearing habitat.

(F) South Fork East Fork Salmon River from its confluence with East Fork Salmon River upstream 10.1 km (6.3 mi) to its headwaters provides spawning and rearing habitat.

(G) Kinnikinic Creek from its confluence with the Salmon River upstream approximately 0.1 km (0.1 mi) to a highway culvert that is a barrier to upstream migration contains FMO habitat.

(H) Squaw Creek from its confluence with the Salmon River upstream 17.2 km (10.7 mi) to its confluence with Martin Creek contains FMO habitat and Squaw Creek from its confluence with Martin Creek upstream 8.5 km (5.3 mi) to its headwaters; Martin Creek from its confluence with Squaw Creek upstream 8.3 km (5.2 mi) to its headwaters; and Willow Creek from its confluence with Squaw Creek upstream 5.2 km (3.2 mi) to its headwaters provide spawning and rearing habitat.

(I) Thompson Creek from its confluence with the Salmon River upstream 19.6 km (12.2 mi) to its headwaters contains FMO habitat.

(J) Slate Creek from its confluence with the Salmon River upstream 13.3 km (8.3 mi) and Silver Rule Creek from its confluence with Slate Creek upstream 8.4 km (5.2 mi) to its headwaters provide spawning and rearing habitat and Livingston Creek from its confluence with Slate Creek upstream 5.9 km (3.7 mi) to its headwaters contains FMO habitat.

(K) Warm Springs Creek from its confluence with the Salmon River upstream 34.4 km (21.4 mi) to its headwaters; Martin Creek from its confluence with Warm Springs Creek upstream 9.1 km (5.7 mi) to its headwaters; and Pigtail Creek from its confluence with Warm Springs Creek upstream 1.2 km (0.8 mi) to its confluence with an unnamed tributary provide spawning and rearing habitat.

(L) Yankee Fork from its confluence with the Salmon River upstream 14.4 km (9.0 mi) to its confluence with Jordan Creek contains FMO habitat; Yankee Fork from its confluence with Jordan Creek upstream 32.3 km (20.1 mi) to its headwaters provides spawning and rearing habitat; West Fork Yankee Fork from its confluence with Yankee Fork upstream 21.1 km (13.1 mi) to its headwaters provides spawning and rearing habitat; Deadwood Creek from its

confluence with West Fork Yankee Fork upstream 6.5 km (4.0 mi) to its headwaters provides spawning and rearing habitat; Lightning Creek from its confluence with West Fork Yankee Fork upstream 12.6 km (7.9 mi) to its headwaters provides spawning and rearing habitat; Cabin Creek from its confluence with West Fork Yankee Fork upstream 8.3 km (5.2 mi) to its headwaters provides spawning and rearing habitat; Jordan Creek from its confluence with Yankee Fork upstream 6.4 km (4.0 mi) to an unnamed tributary contains FMO habitat; Jordan Creek from its confluence with an unnamed tributary upstream 6.2 km (3.9 mi) to its headwaters provides spawning and rearing habitat; Fivemile Creek from its confluence with Yankee Fork upstream 7.6 km (4.7 mi) to its headwaters provides spawning and rearing habitat; Sixmile Creek from its confluence with Yankee Fork upstream 7.0 km (4.3 mi) to its headwaters provides spawning and rearing habitat; Eightmile Creek from its confluence with Yankee Fork upstream 10.7 km (6.7 mi) to its headwaters provides spawning and rearing habitat; Ninemile Creek from its confluence with Yankee Fork upstream 4.5 km (2.8 mi) to its headwaters provides spawning and rearing habitat; Tenmile Creek from its confluence with Yankee Fork upstream 6.7 km (4.1 mi) to its headwaters provides spawning and rearing habitat; Elevenmile Creek from its confluence with Yankee Fork upstream 4.6 km (2.9 mi) to its headwaters provides spawning and rearing habitat; Twelvemile Creek from its confluence with Yankee Fork upstream 5.8 km (3.6 mi) to its headwaters provides spawning and rearing habitat; McKay Creek from its confluence with Yankee Fork upstream 7.5 km (4.7 mi) to its headwaters provides spawning and rearing habitat; and an unnamed creek (entering McKay Creek from the south) from its confluence with McKay Creek upstream 4.4 km (2.7 mi) to its headwaters provides spawning and rearing habitat.

(M) Basin Creek from its confluence with the Salmon River upstream 19.8 km (12.3 mi) to its headwaters; East Basin Creek from its confluence with the Basin Creek upstream 10.1 km (6.3 mi) to its headwaters; Short Creek from its confluence with the Basin Creek upstream 3.0 km (1.9 mi) to its headwaters; and Sunday Creek from its confluence with the Basin Creek upstream 5.7 km (3.5 mi) to its headwaters provide spawning and rearing habitat.

(N) Valley Creek from its confluence with the Salmon River upstream 9.8 km (6.1 mi) to Stanley Lake Creek contains FMO habitat; Valley Creek from its confluence with Stanley Lake Creek upstream 30.0 km (18.6 mi) to a headwater lake provides spawning and rearing habitat; Goat Creek from its confluence with the Valley Creek upstream 8.4 km (5.2 mi) provides spawning and rearing habitat; Iron Creek from its confluence with the Valley Creek upstream 10.0 km (6.2 mi) provides spawning and rearing habitat; Job Creek from its confluence with the Valley Creek upstream 0.1 km (0.06 mi) contains FMO habitat; Elk Creek from its confluence with the Valley Creek upstream 20.1 km (12.5 mi) to its headwaters provides spawning and rearing habitat; Meadow Creek from its confluence with the Valley Creek upstream 4.0 km (2.5 mi) to its confluence with Trap Creek provides spawning and rearing habitat; East Fork Valley Creek from its confluence with the Valley Creek upstream 7.5 km (4.7 mi) to its headwaters provides spawning and rearing habitat; and Prospect Creek from its confluence with the Valley Creek upstream 4.7 km (2.9 mi) to its headwaters provides spawning and rearing habitat.

(O) Redfish Lake Creek from its confluence with the Salmon River upstream 1.0 km (0.6 mi) to the outlet of Little Redfish Lake; Little Redfish Lake (25.8 ha (63.7 ac)); Redfish Lake Creek from the inlet of Little Redfish Lake to the outlet of Redfish Lake 2.6 km (1.6 mi); Redfish Lake (608.4 ha (1,503.4 ac)); and Redfish Lake Creek from the inlet of Redfish Lake upstream 0.1 km (0.1 mi) to a barrier contain FMO habitat and Fishhook Creek from its confluence with Redfish

Lake Creek upstream 6.6 km (4.1 mi) to an unnamed tributary entering from the west provides spawning and rearing habitat.

(P) Fourth of July Creek from its confluence with the Salmon River upstream 3.8 km (2.3 mi) to a water diversion contains FMO habitat and Fourth of July Creek from at water diversion upstream 16.3 km (10.1 mi) to its headwaters provides spawning and rearing habitat.

(Q) Alturas Lake Creek from its confluence with the Salmon River upstream 11.3 km (7.0 mi) to Perkins Lake; Perkins Lake (19.4 ha (48.0 ac)); Alturas Lake Creek from its confluence with Perkins Lake upstream 0.5 km (0.3 mi) to Alturas Lake; and Alturas Lake (338.2 ha (835.6 ac)) contain FMO habitat and Alturas Lake Creek from the inlet to Alturas Lake upstream 13.4 km (8.3 mi) to its headwaters provides spawning and rearing habitat.

(R) Yellowbelly Creek from its confluence with Alturas Lake Creek upstream 3.5 km (2.2 mi) to the outlet of Yellowbelly Lake; Yellowbelly Lake (79.4 ha (196.1 ac)); and Yellowbelly Creek from the inlet to Yellowbelly Lake upstream 5.3 km (3.3 mi) to Farley Lake outlet contain FMO habitat.

(S) Pettit Lake Creek from its confluence with Alturas Lake Creek upstream 1.9 km (1.2 mi) to the outlet of Pettit Lake; Pettit Lake (160.8 ha (397.4 ac)); and Pettit Lake Creek from the inlet to Pettit Lake upstream 0.9 km (0.6 mi) to a fish barrier contain FMO habitat.

(T) Cabin Creek from its confluence with Perkins Lake upstream 4.0 km (2.5 mi) to an unnamed tributary entering from the west contains FMO habitat.

(U) Alpine Creek from its confluence with Alturas Lake Creek upstream 8.6 km (5.3 mi) to its headwaters provides spawning and rearing habitat.

(V) Pole Creek from its confluence with the Salmon River upstream 16.9 km (10.5 mi) to its headwaters contains FMO habitat.

(W) Beaver Creek from its confluence with the Salmon River upstream 14.4 km (9.0 mi) to its headwaters contains FMO habitat.

(X) Hell Roaring Creek from its confluence with the Salmon River upstream 8.5 km (5.3 mi) to Hell Roaring Lake contains FMO habitat. Hell Roaring Lake contains 24.3 hectares (60.0 acres) of FMO habitat.

(Y) Bayhorse Creek from its confluence with the Salmon River upstream 13.6 km (8.4 mi) to Bayhorse Lake #1 contains FMO habitat.

(Z) Champion Creek from its confluence with the Salmon River upstream 16.4 km (10.2 mi) to its headwaters contains spawning and rearing habitat.

Table 80. Water body segments designated as critical habitat for bull trout, including documentation of occupancy and site-specific rationale in the Salmon River Basin–Upper Salmon River CHU/CHSU

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin–Upper Salmon River	Morgan Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1141677 446116.1
Salmon River Basin–Upper Salmon River	Morgan Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1141677 446116.2
Salmon River Basin–Upper Salmon River	Challis Creek	ID	(T. Curet and D. Garren, pers. comm. 2010)	Rationale provided in Salmon River Basin CHU justification text	1141861 445697.1
Salmon River Basin–Upper Salmon River	Challis Creek	ID	(T. Curet and D. Garren, pers. comm. 2010)	Rationale provided in Salmon River Basin CHU justification text	1141861 445697.2
Salmon River Basin–Upper Salmon River	UNNAMED - off Corral Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1142239 448045
Salmon River Basin–Upper Salmon River	East Fork Herd Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1142333 440579
Salmon River Basin–Upper Salmon River	West Fork Herd Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1142333 440580
Salmon River Basin–Upper Salmon River	West Fork Morgan Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1142428 446812
Salmon River Basin–Upper Salmon River	East Pass Creek	ID	Tom Montoya (Service in litt. 2002c,pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1142436 440765
Salmon River Basin–Upper Salmon River	Corral Creek	ID	(StreamNet 2009, pg. 31)	Rationale provided in Salmon River Basin CHU justification text	1142475 447792
Salmon River Basin–Upper Salmon River	Meridian Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1142510 440112

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Van Horn Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1142560 447573
Salmon River Basin—Upper Salmon River	Lick Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1142707 447221
Salmon River Basin—Upper Salmon River	Mill Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1142746 445611.1
Salmon River Basin—Upper Salmon River	Mill Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1142746 445611.2
Salmon River Basin—Upper Salmon River	Herd Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1143002 441537
Salmon River Basin—Upper Salmon River	East Fork Salmon River	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1143265 442682.1
Salmon River Basin—Upper Salmon River	East Fork Salmon River	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1143265 442682.2
Salmon River Basin—Upper Salmon River	Bear Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1143607 445690
Salmon River Basin—Upper Salmon River	North Fork Bowery Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1143998 440318
Salmon River Basin—Upper Salmon River	Kinnikinic Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144015 442582
Salmon River Basin—Upper Salmon River	Lodgepole Creek	ID	Tom Curet (Service in litt. 2002c, pg. 6)	Rationale provided in Salmon River Basin CHU justification text	1144081 445396
Salmon River Basin—Upper Salmon River	Big Boulder Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7; SNF 2010, pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1144281 441177

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Long Tom Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144289 440270
Salmon River Basin—Upper Salmon River	Little Boulder Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144423 440993
Salmon River Basin—Upper Salmon River	Squaw Creek - mouth to Martin Cr	ID	Tom Montoya (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144543 442492.1
Salmon River Basin—Upper Salmon River	Squaw Creek - Martin Cr to headwaters	ID	Tom Montoya (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144543 442492.2
Salmon River Basin—Upper Salmon River	Bowery Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144601 440320
Salmon River Basin—Upper Salmon River	Germania Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144612 440393
Salmon River Basin—Upper Salmon River	Willow Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144892 444279
Salmon River Basin—Upper Salmon River	West Pass Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144897 439876
Salmon River Basin—Upper Salmon River	Martin Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1144939 443873
Salmon River Basin—Upper Salmon River	Thompson Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1145172 442501
Salmon River Basin—Upper Salmon River	UNNAMED - off McKay Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1145251 444775
Salmon River Basin—Upper Salmon River	Ibex Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1145252 439532

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	McKay Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1145504 444887
Salmon River Basin—Upper Salmon River	South Fork East Fork Salmon River	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145542 439291
Salmon River Basin—Upper Salmon River	West Fork East Fork Salmon River	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145542 439292
Salmon River Basin—Upper Salmon River	Slate Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1145629 442557
Salmon River Basin—Upper Salmon River	Twelvemile Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1145637 444776
Salmon River Basin—Upper Salmon River	Elevenmile Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1145785 444670
Salmon River Basin—Upper Salmon River	Tenmile Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1145815 444652
Salmon River Basin—Upper Salmon River	Silver Rule Creek	ID	(StreamNet 2009, pg. 28)	Rationale provided in Salmon River Basin CHU justification text	1145965 442072
Salmon River Basin—Upper Salmon River	Livingston Creek	ID	(USRITAT 1998, pg. 67; Mark Moulton in Service in litt. 2002, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1146028 441944
Salmon River Basin—Upper Salmon River	Ninemile Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1146043 444454
Salmon River Basin—Upper Salmon River	Eightmile Creek	ID	(StreamNet 2009, pg. 27)	Rationale provided in Salmon River Basin CHU justification text	1146195 444263
Salmon River Basin—Upper Salmon River	Sixmile Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1146371 444131

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Fivemile Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1146540 444050
Salmon River Basin—Upper Salmon River	Warm Springs Creek	ID	Tom Curet (Service in litt. 2002c, pg. 7)	Rationale provided in Salmon River Basin CHU justification text	1146747 442543
Salmon River Basin—Upper Salmon River	Jordan Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1147202 443786.1
Salmon River Basin—Upper Salmon River	Jordan Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1147202 443786.2
Salmon River Basin—Upper Salmon River	Cabin Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1147223 443523
Salmon River Basin—Upper Salmon River	Martin Creek	ID	(StreamNet 2009, pg. 30)	Rationale provided in Salmon River Basin CHU justification text	1147244 441369
Salmon River Basin—Upper Salmon River	Pigtail Creek	ID	(StreamNet 2009, pg. 29)	Rationale provided in Salmon River Basin CHU justification text	1147259 441291
Salmon River Basin—Upper Salmon River	West Fork Yankee Fork	ID	(StreamNet 2009, pg. 30)	Rationale provided in Salmon River Basin CHU justification text	1147266 443514
Salmon River Basin—Upper Salmon River	Yankee Fork	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1147337 442696.1
Salmon River Basin—Upper Salmon River	Yankee Fork	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1147337 442696.2
Salmon River Basin—Upper Salmon River	Deadwood Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1147763 443757
Salmon River Basin—Upper Salmon River	Lightning Creek	ID	(StreamNet 2009, pg. 26)	Rationale provided in Salmon River Basin CHU justification text	1147954 443878

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Pole Creek	ID	(StreamNet 2009, pg. 26; Service in litt. 2002, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148087 439261
Salmon River Basin—Upper Salmon River	Beaver Creek	ID	(StreamNet 2009, pg. 26; Service in litt. 2002, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148158 439096
Salmon River Basin—Upper Salmon River	Basin Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1148167 442635
Salmon River Basin—Upper Salmon River	Fourth of July Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148358 440323.1
Salmon River Basin—Upper Salmon River	Fourth of July Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148358 440323.2
Salmon River Basin—Upper Salmon River	Alturas Lake Creek (Below Lake)	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148362 440040.1
Salmon River Basin—Upper Salmon River	Alturas Lake Creek (Above Lake)	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148362 440040.2
Salmon River Basin—Upper Salmon River	Alturas Lake Creek (Above Lake)	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148362 440040.3
Salmon River Basin—Upper Salmon River	Yellowbelly Lake - Alturas Lk Cr to Yellowbelly Lk	ID	(StreamNet 2009, pg. 26; IDFG 2006)	Rationale provided in Salmon River Basin CHU justification text	1148391 439918.1
Salmon River Basin—Upper Salmon River	Yellowbelly Ck- Yellowbelly Lk to Farley Lk outlet	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148391 439918.2
Salmon River Basin—Upper Salmon River	Petitt Lake Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148410 439876.1
Salmon River Basin—Upper Salmon River	Petitt Lake Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9; SNF 2010 pg. 3)	Rationale provided in Salmon River Basin CHU justification text	1148410 439876.2

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Cabin Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148424 439282
Salmon River Basin—Upper Salmon River	East Basin Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1148490 442766
Salmon River Basin—Upper Salmon River	Short Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 8)	Rationale provided in Salmon River Basin CHU justification text	1148709 442908
Salmon River Basin—Upper Salmon River	Redfish Lake Creek - inlet to ~ 0.1 km upstream	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148991 441690.1
Salmon River Basin—Upper Salmon River	Redfish Lake Creek – L Redfish Lk to Redfish Lk	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148991 441690.2
Salmon River Basin—Upper Salmon River	Redfish Lake Creek - mouth to L. Redfish Lk	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148991 441690.3
Salmon River Basin—Upper Salmon River	Redfish Lake Creek - mouth to Redfish Lk	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148991 441690.4
Salmon River Basin—Upper Salmon River	Sunday Creek	ID	(StreamNet 2009, pg. 25)	Rationale provided in Salmon River Basin CHU justification text	1149053 443494
Salmon River Basin—Upper Salmon River	Alpine Creek	ID	(StreamNet 2009, pg. 25)	Rationale provided in Salmon River Basin CHU justification text	1149066 438957
Salmon River Basin—Upper Salmon River	Fishhook Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1149195 441429
Salmon River Basin—Upper Salmon River	Valley Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1149272 442250.1
Salmon River Basin—Upper Salmon River	Valley Creek	ID	Tom Curet and Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1149272 442250.2

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Goat Creek	ID	(StreamNet 2009, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1149416 442191
Salmon River Basin—Upper Salmon River	Iron Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1149475 442228
Salmon River Basin—Upper Salmon River	Prospect Creek	ID	Tom Montoya (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1149864 443943
Salmon River Basin—Upper Salmon River	Job Creek	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1150014 442427
Salmon River Basin—Upper Salmon River	Elk Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150244 442927
Salmon River Basin—Upper Salmon River	East Fork Valley Creek	ID	(StreamNet 2009, pg. 24)	Rationale provided in Salmon River Basin CHU justification text	1150479 443575
Salmon River Basin—Upper Salmon River	Meadow Creek - mouth to Trap	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1150517 443058
Salmon River Basin—Upper Salmon River	Salmon River - Alturas Lk Creek to headwater	ID	Tom Curet (Service in litt. 2002c, pg. 9; USFS 1999a, pg. 2-6; Elle et al. 1994, pg. 60)	Rationale provided in Salmon River Basin CHU justification text	1167926 458560.1
Salmon River Basin—Upper Salmon River	Salmon River - mouth to Alturas Lk Creek	FMO	(USFS 1999a, pg. 2-6; 1994, pg. 60; Schill et al. 1994, pg. 23)	Rationale provided in Salmon River Basin CHU justification text	1167926 458560.2
Salmon River Basin—Upper Salmon River	Alturas Lake	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148612 439136
Salmon River Basin—Upper Salmon River	Little Redfish Lake	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1149087 441610
Salmon River Basin—Upper Salmon River	Perkins Lake	ID	(Service in litt. 2009a)	Rationale provided in Salmon River Basin CHU justification text	1148406 439289

CHU—CHSU	Water Body Name	State	Information Documenting Bull Trout Occupancy	Essential Habitat Rationale	LLID
Salmon River Basin—Upper Salmon River	Petit Lake	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148788 439795
Salmon River Basin—Upper Salmon River	Redfish Lake	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1149316 441171
Salmon River Basin—Upper Salmon River	Yellowbelly Lake	ID	Mark Moulton (Service in litt. 2002c, pg. 9)	Rationale provided in Salmon River Basin CHU justification text	1148756 440010
Salmon River Basin—Upper Salmon River	Bayhorse Creek	ID	USRITAT 1998, pp. 81, 82	Rationale provided in Salmon River Basin CHU justification text	1142558 443783
Salmon River Basin—Upper Salmon River	Hell Roaring Creek	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1148416 440235
Salmon River Basin—Upper Salmon River	Hell Roaring Lake	ID	T. Curet and D. Garren, pers. comm. 2010	Rationale provided in Salmon River Basin CHU justification text	1149357 440246
Salmon River Basin—Upper Salmon River	Champion Creek	ID	SNF 2010, pg. 3	Rationale provided in Salmon River Basin CHU justification text	1148383 440259